

**JAYPEE UNIVERSITY
OF
INFORMATION
TECHNOLOGY,
WAKNAGHAT, SOLAN**

1.3.4

(Percentage of Students undertaking Field Projects/ Internships)

The Sequence of Proofs is as follows:

- I. Department of Computer Science & Engineering and
Information Technology
- II. Department of Electronics and Communication
Engineering
- III. Department of Biotechnology & Bioinformatics
- IV. Department of Civil Engineering

Field Projects/ Internships

**Department of
Computer Science & Engineering and
Information Technology**

2019

Certificate

INTERNSHIP CERTIFICATE



This is to certify that Ms. Shimul Garg a student of Jaypee University of Information Technology has successfully completed 4 month's long internship from the month of Feb 2019 to May 2019 at Anhad Edutrain Solutions Pvt. Ltd.

During the period of her internship, she was found punctual, hard working and inquisitive. We wish success in her life.

For Anhad Edutrain Solutions Pvt. Ltd.

Director

Angad Singh
Founder & CEO



Anhad Edutrain Solutions Pvt.Ltd.
201, Chimes Tower, Sec-28, DLF City – IV, Gurgaon, Haryana - 122022

CERTIFICATE

Candidate's Declaration

We hereby declare that the work presented in this report entitled “Web Application for Customer Relationship Manager Using Java” in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering submitted in the department of Computer Science & Engineering, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from Feb 2019 to till now under the supervision of Mr. Gaurav Bhansali (Assistant Manager) & Mr. Sainath Dekate(Lead Consultant).

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Nitish Kumar (151344)

Vansh Mahajan (151210)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Gaurav Bhansali

Assistant Manager

LiveSpread Cora AI

Dated :

(i)

CERTIFICATE FROM THE SUPERVISOR

INTERNSHIP CERTIFICATE



This is to certify that Ms. Nikita a student of Jaypee University of Information Technology has successfully completed 4 month's long internship from the month of Feb 2019 to May 2019 at Anhad Edutrain Solutions Pvt. Ltd.

During the period of her internship, she was found punctual, hard working and inquisitive. We wish success in her life.

For Anhad Edutrain Solutions Pvt. Ltd.

Director

Angad Singh
Founder & CEO



Anhad Edutrain Solutions Pvt.Ltd.
201, Chimes Tower, Sec-28, DLF City – IV, Gurgaon, Haryana - 122022

CERTIFICATE

I hereby declare that the work presented in this report entitled “REDIS DATABASE VIZUALIZER FOR ReJSON AND REDISGRAPH MODULE” in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat, is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of Mr. Bopaiah Mekerira, Technical Delivery Owner, HashedIn Technologies. The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Himank Jog, 151212

This is to certify that the above statement made by the candidate is true to the best of my knowledge.



Mr. Bopaiah Mekerira
Technical Delivery Owner
HashedIn Technologies
Bangalore
Dated:

CERTIFICATE

I hereby declare that the project presented in this report entitled as “**EaseInfy**” submitted in the department of Computer Science & Engineering and Information Technology of Jaypee University of Information Technology (JUIT), Waknaghat is an authentic record of our work carried out under the supervision of Mr. Joshua Thomas, Training & Assessment, ETA, Infosys Mysore. This work has not been submitted elsewhere for any degree or diploma.

151466 Hitesh Gupta

151215 Prashant Chauhan

151234 Ayushi Manchanda

151474 Akriti Goyal

151223 Pritish Mukherjee

151240 Samiksha Gupta

Department of Computer Science and I.T.
Jaypee University of Information Technology, Waknaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Joshua Thomas

System Engineer, ETA, Infosys Mysore

Date: May, 2019

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019

CERTIFICATE

I hereby declare that the project presented in this report entitled as “**EaseInfy**” submitted in the department of Computer Science & Engineering and Information Technology of Jaypee University of Information Technology (JUIT), Waknaghat is an authentic record of our work carried out under the supervision of Mr. Joshua Thomas, Training & Assessment, ETA, Infosys Mysore. This work has not been submitted elsewhere for any degree or diploma.

151466 Hitesh Gupta

151215 Prashant Chauhan

151234 Ayushi Manchanda

151474 Akriti Goyal

151223 Pritish Mukherjee

151240 Samiksha Gupta

Department of Computer Science and I.T.
Jaypee University of Information Technology, Waknaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Joshua Thomas

System Engineer, ETA, Infosys Mysore

Date: May, 2019

SUPERVISOR'S CERTIFICATE

This is to certify that the work titled "**Loan Management System (Front-end Development)**", submitted by **Akhil Sahota** for end semester (Even) of Bachelor of Technology in Computer Science and Engineering to Jaypee University of Information Technology, Wagnaghat, Solan has been carried out under my supervision. This work has not been submitted partially or fully to any other university or Institute for the award of this or any other degree or diploma.

Signature of Supervisor:
Name of Supervisor:
Designation:
Date:



Mr. Devashish Jha
Product Consultant(Kuliza Technologies)

17/05/19

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019

Candidate's Declaration

I hereby declare that the work presented in this report entitled “BAWIQ- ANDROID APPLICATION” in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of Mr. Mohit Kansal(Technical Head of Android) at ClickLabs .The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Sameer Kumar (151229)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Mohit Kansal

Technical Head (Android)

ClickLabs

Dated:

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019

CERTIFICATE

I hereby declare that the project presented in this report entitled as “**EaseInfy**” submitted in the department of Computer Science & Engineering and Information Technology of Jaypee University of Information Technology (JUIT), Waknaghat is an authentic record of our work carried out under the supervision of Mr. Joshua Thomas, Training & Assessment, ETA, Infosys Mysore. This work has not been submitted elsewhere for any degree or diploma.

151466 Hitesh Gupta

151215 Prashant Chauhan

151234 Ayushi Manchanda

151474 Akriti Goyal

151223 Pritish Mukherjee

151240 Samiksha Gupta

Department of Computer Science and I.T.
Jaypee University of Information Technology, Waknaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Joshua Thomas

System Engineer, ETA, Infosys Mysore

Date: May, 2019

Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

Department: ETA

Date:

Candidate's Declaration

I hereby declare that the work presented in this report entitled “Cloud Access Monitor” in fulfilments of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Ms Shikha Singh (Tech Lead, Kuliza Technologies Private Limited)**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

(Student Signature)

Ikjot Singh (151239)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

(Supervisor Signature)

Ms Shikha Singh

Tech Lead

Kuliza Technologies Private Limited

Dated:

CERTIFICATE

I hereby declare that the project presented in this report entitled as “**EaseInfy**” submitted in the department of Computer Science & Engineering and Information Technology of Jaypee University of Information Technology (JUIT), Waknaghat is an authentic record of our work carried out under the supervision of Mr. Joshua Thomas, Training & Assessment, ETA, Infosys Mysore. This work has not been submitted elsewhere for any degree or diploma.

151466 Hitesh Gupta

151215 Prashant Chauhan

151234 Ayushi Manchanda

151474 Akriti Goyal

151223 Pritish Mukherjee

151240 Samiksha Gupta

Department of Computer Science and I.T.
Jaypee University of Information Technology, Waknaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Joshua Thomas

System Engineer, ETA, Infosys Mysore

Date: May, 2019

CERTIFICATE

This is to certify that the major project report entitled, **E-DIAGNOSIS: ONE STOP WELLNESS** submitted by **VIPUL (151241)** in partial fulfillment of the requirements for the award of Bachelor of Technology Degree in **Computer Science and Engineering** of the Jaypee University of Information Technology, Wagnaghat is an authentic work carried out by them under our supervision and guidance. The matter embodied in this report is original and has not been submitted for the award of any other degree.

Signature of Supervisor:

Dated:



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

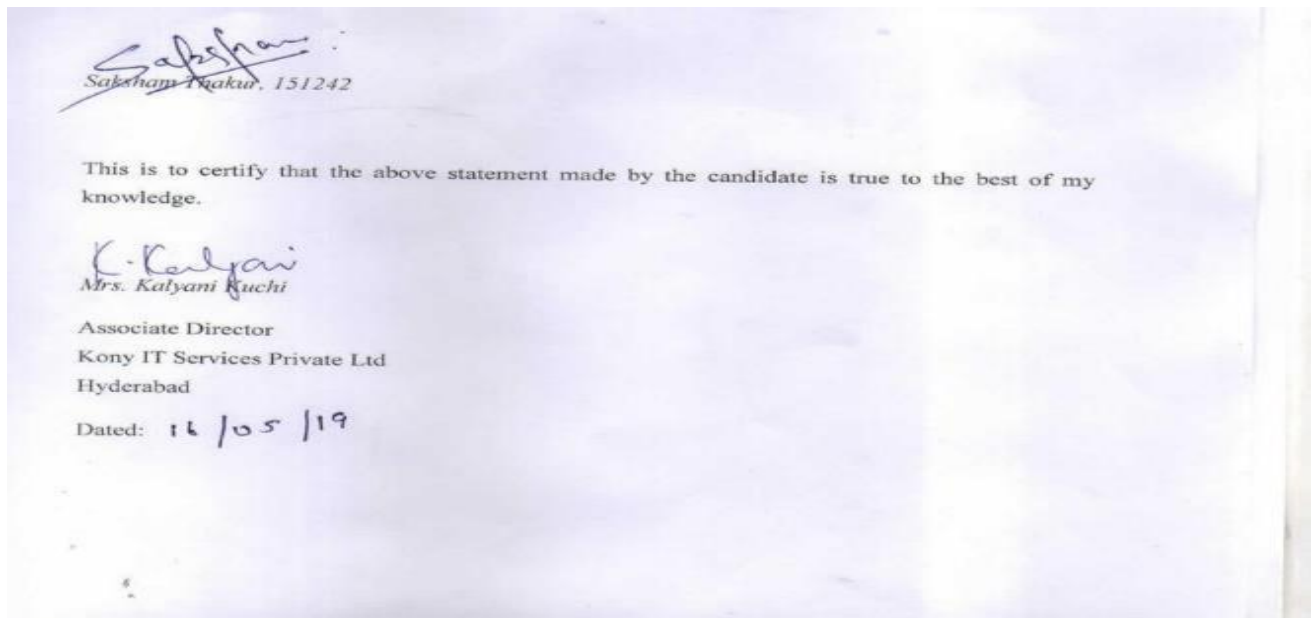
(Established by H.P. State Legislative vide Act No. 14 of 2002)
P.O. Wagnaghat, Teh. Kandaghat, Distt. Solan - 173234 (H.P.) INDIA

Website: www.juit.ac.in
Phone No. (91) 01792-257999
Fax: +91-01792-245362

CERTIFICATE

I hereby declare that the work presented in this report entitled “**KONY BESTBUY AND JLL COMPONENTS**” in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat, is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Mrs. Kalyani Kuchi**, Associate Director, Kony IT Services Private Ltd.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.



Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

Department: ETA

Date:

Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

Department: ETA

Date:

(I)

Candidate's Declaration

I hereby declare that the work presented in this report entitled “ **Edoofa – Education For All**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 2018 to May 2018 under the supervision of **Mr. Angad Singh** (CEO , Edoofa).

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

(Student Signature)

Akanksha Sharma, 151252

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Angad Singh,

CEO ,

Edoofa

Dated:17-05-2019

Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

Department: ETA

Date:

CERTIFICATE

Candidate's Declaration

I hereby declare that the work presented in this report entitled “AURA SECURITY PLUGIN” in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering/Information Technology submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat is an authentic record of my own work carried out over a period from February 2019 till now under the supervision of Mr. Prashant Thorat.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Soni (151257)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Prashant Thorat

(Lead Consultant)

Dated: _____

CERTIFICATE

**Jaypee University of Information Technology Wagnaghat, Solan-173234,
Himachal Pradesh**

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**Angular POC Project**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of my own work carried out under the supervision of **Mr. Jatin Kapil** (Technical Lead, Project Development Department, Click Labs). The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Aviral Saini (151452)

Kamal Jeet Singh (151262)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Jatin Kapil

Technical Lead-Project Development Department

Click Labs, Chandigarh

Date: May,2019

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019

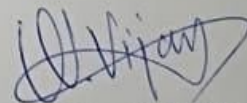
Certificate

Certificate

I hereby declare that the work presented in this report entitled **Implementation of Modbus C library Using golang** ” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 17 2019 to May 2018 under the supervision of **Mr Yuvaraj Laxman Patil** Architect Wipro limited The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Anubhav Chauhan

This is to certify that the above statement made by the candidate is true to the best of my knowledge.



Mr. Vijay Natarajan

Competency Manager

Wipro Limited

Dated 16-May-2019

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled "Health Zone" in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of our own work carried out over a period from July 2016 to November 2016 under the supervision of **Dr. Ravindara Bhatt (Assistant Professor (Senior Grade), Department of Computer Science & Engineering and Information Technology)**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Dushyant Saini, 151277

Kashish Taneja, 151266

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Dr. Ravindara Bhatt

Assistant Professor (Senior Grade)

Department of Computer Science & Engineering and Information Technology

Dated:

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislative vide Act No. 14 of 2002)

P.O. Wahnaghat, Teh. Kandaghat, Distt. Solan - 173234 (H.P.) INDIA

Website: www.juit.ac.in

Phone No. (91) 01792-257999

Fax: +91-01792-245362

CERTIFICATE

I hereby declare that the work presented in this report entitled "KONY BEST BUY APPLICATION" in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wahnaghat, is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of Ms. Pranavi Reddy, my reporting manager, Kony IT Services Private Ltd. The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Nikhil Sharma, 151283

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Ms. Pranavi Reddy

Manager

Kony IT Services Private Ltd.

Hyderabad

Dated : 20/5/2019

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

The matter integrated in the report has not been submitted for the award of any other degree/diploma.

Deepanshu Sharma (151286)

Mohit Sood (151288)

Manmayur Kaur(151292)

Manika Sharma (151294)

Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

The matter integrated in the report has not been submitted for the award of any other degree/diploma.

Deepanshu Sharma (151286)

Mohit Sood (151288)

Manmayur Kaur(151292)

Manika Sharma (151294)

Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

DECLARATION

*I hereby declare that the work reported in this report entitled “**INCENTIVE COMPENSATION AND SALES CREDITING MANAGER**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from Feb 2019 to May 2019 under the supervision of (**Arvind Pothula**) (Solution Delivery Consultant, ZS Associates) and (**Gaurav Ahuja**) (Senior Business Technology Analyst, ZS Associates).*

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Yogesh Khurana

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Arvind Pothula

Solution Delivery Consultant

ZS Associates India Pvt. Ltd.

World Trade Center, Tower 3, Kharadi, Pune 411014, Maharashtra, India

T | +91 20 6739 9427 M | +91 91 6863 5760

www.zs.com

ZS Impact where it matters.

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

The matter integrated in the report has not been submitted for the award of any other degree/diploma.

Deepanshu Sharma (151286)

Mohit Sood (151288)

Manmayur Kaur(151292)

Manika Sharma (151294)

Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

The matter integrated in the report has not been submitted for the award of any other degree/diploma.

Deepanshu Sharma (151286)

Mohit Sood (151288)

Manmayur Kaur(151292)

Manika Sharma (151294)

Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

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Deepanshu Sharma (151286)

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Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

The matter integrated in the report has not been submitted for the award of any other degree/diploma.

Deepanshu Sharma (151286)

Mohit Sood (151288)

Manmayur Kaur(151292)

Manika Sharma (151294)

Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

Certificate

I hereby declare that the work presented in this report entitled “**Implementation of Modbus C library Using golang** ” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 17 2019 to May 17 2019 under the supervision of **Mr Yuvaraj Laxman Patil** Architect Wipro limited The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Mayank Sharma

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Yuvaraj Laxman Patil

Architect

Wipro Limited

Dated:

Mr Vijay Natarajan

Competency Manager

Wipro Limited

Dated

Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

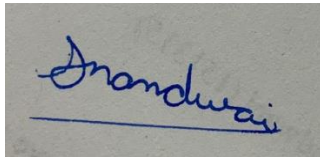
Department: ETA

Date:

Candidate's Declaration

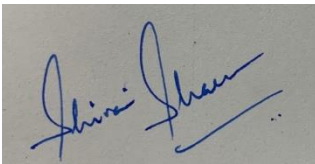
I hereby declare that the work presented in this report entitled “**Cloud Upgrade Automation**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Shivani Sharma**(Sr. Software Engineer (QA), Cloud Reliability Engineering).

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

A photograph of a handwritten signature in blue ink on a light-colored surface. The signature reads "Sumanyu Nandwani" and is underlined.

Sumanyu Nandwani (151315)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

A photograph of a handwritten signature in blue ink on a light-colored surface. The signature reads "Shivani Sharma" and is underlined.

Name: Shivani Sharma

Designation: Sr. Software Engineer

Department Name: Cloud Reliability and Engineering

Dated: 21st May, 2019

INTERNSHIP CERTIFICATE



This is to certify that Ms. **Preksha Motwani** a student of **Jaypee University of Information Technology** has successfully completed **4** month's long internship from the month of **Feb 2019 to May 2019** at **Anhad Edutrain Solutions Pvt. Ltd.**

During the period of her internship, she was found punctual, hard working and inquisitive. We wish success in her life.

For Anhad Edutrain Solutions Pvt. Ltd.

Director

Angad Singh
Founder & CEO



Anhad Edutrain Solutions Pvt. Ltd.
201, Chimes Tower, Sec-28, DLF City – IV, Gurgaon, Haryana - 122022

Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

Department: ETA

Date:

Candidate's Declaration

I hereby declare that the work presented in the report entitled “**House Of Words Web Application**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from 5 April 2019 to 17 May 2019 under the supervision of **Dr Hemraj Saini**.

The matter integrated in the report has not been submitted for the award of any other degree/diploma.

Deepanshu Sharma (151286)

Mohit Sood (151288)

Manmayur Kaur(151292)

Manika Sharma (151294)

Sakshi Sharma (151297)

Kartik Sharma (151299)

Rohan Arora (151326)

This is to certify that the above made statement by the candidates is true to the best of my knowledge.

Mr. Munish Sharma,

Member – Education, Training & Assessment, Infosys Dated:17/05/2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**Simple Pricing Agreement**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat is an authentic record of my own work carried out over a period from August 2018 to December 2018 under the supervision of **Mrs Prachi Pandey**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Prashant Upadhyay(151333)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mrs Prachi Pandey

Sr. Associate - Cognizant

Dated: 30/11/2018

Candidate's Declaration

I hereby declare that the work presented in report entitled “Colabs-Resolving your problems” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried over a period from 4th February 2019 to 17th May 2019 under the supervision of **Miss. Divya J, Systems Engineer - Education, Training & Assessment, ETA, Infosys Mysore**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shriya Chopra (151235)
Shubham (151244)
Jatin Walia (151251)
Sahil Gaur (151255)
Deepanshu Singla (151314)
Jaipreet Chandok (151320)
Kunal Kumar (151336)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Supervisor Name: Miss. Divya J

Designation: Systems Engineer

Department: ETA

Date:

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**You Party, We Organize**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat is an authentic record of my own work carried out over a period from February 2019 to December 2019 under the supervision of **Miss Bhawna Thakur**, Systems Engineer - Education, Training and Assessment, ETA, Infosys Mysore.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Abhishek Pundir (151219)

Harshit Goel (151278)

Kriti Khullar (151339)

Sahil Shama (151227)

Shivam Sood (151232)

Tushar Tayal (151267)

Uditi Taneja (151338)

Department of Computer Science, JUIT, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Miss Bhawna Thakur

Systems Engineer - Education, Training and Assessment, ETA

Infosys Mysore

Date: May, 2019

CERTIFICATE

Candidate's Declaration

We hereby declare that the work presented in this report entitled “Log File Analyzer” in partial fulfillment of the requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering submitted in the department of Computer Science and Engineering, Jaypee University of Information Technology, Waknaghat is an authentic record of my own work carried out over a period from Feb 2019 to till now under the supervision of Mr. Pankaj Anadure.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Manish (151340)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Pankaj Anadure

Dated :

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Shefali Malhotra (151342)

Brij Nandan (151348)

Utkarsh Katiyar (151355)

Esha Jethi (151368)

Udit Goel (151373)

Devesh Yadav (151391)

Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019

CERTIFICATE

It is certified that the work contained in the project report titled “**Enhancement of the VoIPoEthernet for the Media Transport in Nokia Media Gateway 7520 IMS Voice Media Gateway**” by “**Sunayna and Rajat Bhushan**” has been carried out under my/our supervision and this work has not been submitted elsewhere for a degree.

Signature of Project Manager

Name

Signature of Supervisor

Name

JUIT, SOLAN

May of 2019

CERTIFICATE

Candidate's Declaration

We hereby declare that the work presented in this report entitled “Web Application for Customer Relationship Manager Using Java” in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering submitted in the department of Computer Science & Engineering, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from Feb 2019 to till now under the supervision of Mr. Gaurav Bhansali (Assistant Manager) & Mr. Sainath Dekate(Lead Consultant).

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Nitish Kumar (151344)

Vansh Mahajan (151210)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Gaurav Bhansali

Assistant Manager

LiveSpread Cora AI

Dated :

CERTIFICATE

Candidate's Declaration

This is to specify that the work which is being presented as the report entitled "CIRRUS" in partial fulfillment for the requirements for the award of the degree of **Bachelor of Technology** in Computer Science and Engineering/Information Technology submitted in the department of **Computer Science Engineering and Information Technology**, Jaypee University Of Information Technology, Waknaghat is an authentic record of my own work carried out in the period of 4th February,2019 to 17th May,2019 under the supervision of Mr. Tejesvi Tadepalli (Solution delivery consultant at ZS ASSOCIATES, Gurgaon).

The matter enclosed in the report has not been submitted for the award of any other degree or diploma.

Sagar Garg (151345)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Tejesvi Tadepalli

Solution delivery consultant,

ZS associates.

Dated: 17th May, 2019

Candidate's Declaration

I hereby declare that the work presented in this report entitled “ **Personnel Rostering Solution**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the Department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Mr. Abhishek Garg** (Development Manager, SAP Innovative Business Solutions) and **Mr. Shishir Agarwal** (Project Manager, SAP Innovative Business Solutions).

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Sakshi Sharma, 151346

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Abhishek Garg

Development Manager, SAP Innovative Business Solutions

Mr. Shishir Agarwal

Project Manager, SAP Innovative Business Solutions

CERTIFICATE

I hereby declare that the work presented in this report entitled “**ACM TM Integration**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Abhishek Garg** Development Manager, SAP Innovative Business Solutions, **SAP Labs India Pvt. Ltd. Delhi**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

(Student Signature)
Danish Wadhwa, 151347.

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Abhishek Garg
Development Manager
SAP Innovative Business Solutions, SAP Labs India Pvt. Ltd. Delhi
Dated: 21/5/2019

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Shefali Malhotra (151342)

Brij Nandan (151348)

Utkarsh Katiyar (151355)

Esha Jethi (151368)

Udit Goel (151373)

Devesh Yadav (151391)

Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

(Established by H.P. State Legislative vide Act No. 14 of 2002)
P.O. Wagnaghat, Teh. Kandaghat, Distt. Solan - 173234 (H.P.) INDIA
Website: www.juit.ac.in
Phone No. (91) 01792-257999
Fax: +91-01792-245362

CERTIFICATE

I hereby declare that the work presented in this report entitled "**KONY BESTBUY AND SFFCU**" in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat, is an authentic record of my own work carried out over a period from February 2018 to May 2018 under the supervision of **Mr. Ramendra Umrav**, Associate Project Manager, Kony IT Services Private Ltd.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Rishabh Chauhan, 151350

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Ramendra Umrav

Associate Project Manager
Kony IT Services Private Ltd
Hyderabad

Dated: 16/05/19

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Shefali Malhotra (151342)

Brij Nandan (151348)

Utkarsh Katiyar (151355)

Esha Jethi (151368)

Udit Goel (151373)

Devesh Yadav (151391)

Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019



Fair Isaac India Software Pvt. Ltd
CIN U72200KA2003PTC032938
Registered Office:
Titanium Building
135 Airport Road
Kodihalli, Bangalore 560 017, India
T 91 80 4137 1700
F 91 80 4137 1701
Email: investor@fico.com
www.fico.com

INTERNSHIP CERTIFICATE

This is to certify that **Shikhar Goel s/o Adv Parveen Goel**, a student of **B.TECH** Roll No. 151357, “Jaypee University Of Information Technology, Solan” is undergoing his internship program at our company from 2ndFeburary 2019 to 30thJune 2019.

During his internship, Shikhar has closely worked as a part of **Decision Management Platform (DMP)Developer** team in FICO. In addition, has been working under the guidance of his supervisor **Mr Shaik Mujeeb** to successfully complete this project. The performance during this period of his internship program with us was good. He was punctual, hardworking and inquisitive to learn new technologies.

Shaik Mujeeb

Software Engineering-Lead Engineer,

DMS Development

Fair Isaac India Software Pvt. Ltd

Date-

CERTIFICATE

I hereby declare that the work presented in this report entitled “**WordMan**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Dillibabu R.**, System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Muskan (151369)
Anirudh Sharma (151363)
Vasudha Pandey (151404)
Himanshu Chauhan (151412)
Ayushmat Bhardwaj Soni (151420)
Prateek Ramani (151464)

Department of Computer Science & Engineering
Jaypee University of Information Technology, Wagnaghat, Solan, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Dillibabu R.
System Engineer - Education, Training & Assessment, ETA Infosys
Mysore

Date: May, 2019

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Shefali Malhotra (151342)

Brij Nandan (151348)

Utkarsh Katiyar (151355)

Esha Jethi (151368)

Udit Goel (151373)

Devesh Yadav (151391)

Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**WordMan**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Dillibabu R.**, System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Muskan (151369)
Anirudh Sharma (151363)
Vasudha Pandey (151404)
Himanshu Chauhan (151412)
Ayushmat Bhardwaj Soni (151420)
Prateek Ramani (151464)

Department of Computer Science & Engineering
Jaypee University of Information Technology, Wagnaghat, Solan, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Dillibabu R.
System Engineer - Education, Training & Assessment, ETA Infosys
Mysore

Date: May, 2019

CANDIDATE'S DECLARATION

I hereby declare that the work presented in this report entitled "**Customer relationship management system**" in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out from February 2019 till date under the supervision of **Mr. Faizan Buch**, Product Manager, Jungleworks, Click Labs Pvt. Limited.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

(Student Signature)

Rishu Verma- 151370

This is to certify that the above statement made by the candidate is true to the best of my knowledge.



(Supervisor Signature)

Mr. Faizan Buch,

Product Manager,

Jungleworks, Click Labs Pvt. Limited.

Dated:

Declaration

I hereby declare that the work presented in this report entitled “ **THOR** ” in fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from Feb 2019 to May 2019 under the supervision of **Mrs. Priyanka Kaushal, As Lead Consultant** . The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Pallavi Katoch, 151372

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mrs. Priyanka Kaushal

Lead Consultant

Genpact

Dated: 23 May'19

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Shefali Malhotra (151342)

Brij Nandan (151348)

Utkarsh Katiyar (151355)

Esha Jethi (151368)

Udit Goel (151373)

Devesh Yadav (151391)

Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019

Certificate

Candidate's Declaration

I hereby declare that the work presented in this report entitled “ **Myperks**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from Feb 2019 to May 2019 under the supervision of **Mr. Saurabh Mishra (Product Lead at Kwench Global Technologies Ltd)**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Shivam Kartikay(151380)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr.Saurabh Mishra

Product Lead at Kwench Global Technologies Ltd.

Dated:

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Shefali Malhotra (151342)

Brij Nandan (151348)

Utkarsh Katiyar (151355)

Esha Jethi (151368)

Udit Goel (151373)

Devesh Yadav (151391)

Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019

Certificate

I hereby declare that the work presented in this report entitled “**On Road Assist**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Krishna Kumar Pamula**, Senior System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

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Udit Goel (151373)

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Tejan Sharma (151394)

Department of Computer Science & Engineering

Jaypee University of Information Technology, Wagnaghat, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Krishna Kumar Pamula

Senior System Engineer - Education, Training & Assessment, ETA
Infosys Mysore

Date: May, 2019

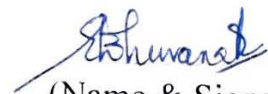
Project Certificate
Cognizant Technology Solutions(CTS)

This is to certify that the report entitled “Comparison of software orchestration performance tools” has been ^{undergoing} completed by **Mr. Kanav Singla** bearing enrollment no **151397** who is bonafide student of Computer Science Department at Jaypee University of Information Technology, Wakanaghat.

He is pursuing training at “Cognizant Technology Solutions.” He is now working on project “**Comparison of software orchestration performance tools**” under my guidance & supervision.

This is to certify that the above statements are correct to the best of my knowledge & belief.

Date: 9th May 2017



(Name & Signature)

Cognizant Academy
Cognizant technology Solutions

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

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Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**WordMan**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Dillibabu R.**, System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Muskan (151369)
Anirudh Sharma (151363)
Vasudha Pandey (151404)
Himanshu Chauhan (151412)
Ayushmat Bhardwaj Soni (151420)
Prateek Ramani (151464)

Department of Computer Science & Engineering
Jaypee University of Information Technology, Wagnaghat, Solan, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Dillibabu R.
System Engineer - Education, Training & Assessment, ETA Infosys
Mysore

Date: May, 2019

**JAYPEE UNIVERSITY OF INFORMATION
TECHNOLOGY, (H.P.)**

**DEPARTMENT OF COMPUTING SCIENCE
ENGINEERING**

CANDIDATE'S DECLARATION

I hereby declare that the Dissertation entitled "Policy Tracker-Policy Management System" is my own work conducted under the supervision of Guide/Co-Guide Name, Designation, Name of School at **Jaypee University of Information Technology, (H.P.)**.

I further declare that to the best of my knowledge this report does not contain any part of work that has been submitted for the award of any degree either in this university or in other university / Deemed University without proper citation.

Ayushi Dogra

(151411)

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

Date: _____

Guide Name

Mr. Abhinandan Chivate

Trainer

Cognizant Technology Solutions

CERTIFICATE

I hereby declare that the work presented in this report entitled “**WordMan**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Dillibabu R.**, System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Muskan (151369)
Anirudh Sharma (151363)
Vasudha Pandey (151404)
Himanshu Chauhan (151412)
Ayushmat Bhardwaj Soni (151420)
Prateek Ramani (151464)

Department of Computer Science & Engineering
Jaypee University of Information Technology, Wagnaghat, Solan, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Dillibabu R.
System Engineer - Education, Training & Assessment, ETA Infosys
Mysore

Date: May, 2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

CERTIFICATE

This is to certify that the work presented/written in this report entitled “ANGULAR NATIVE-SCRIPT PROJECT” in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering/ Information Technology submitted in the Department of Computer Science &Engineering and Information Technology, Jaypee University of Information Technology Wknaghat is an authentic work which carried out over in the period from Feburary 2019 to May 2019 under the supervision of *Mr.Jatin Kapil(Tech Lead, Click Labs)*.

Parushi Sharma (151415)

(Dept. Of Computer Science and Engineering)

CERTIFICATE

I hereby declare that the work presented in this report entitled “**WordMan**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Dillibabu R.**, System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Muskan (151369)
Anirudh Sharma (151363)
Vasudha Pandey (151404)
Himanshu Chauhan (151412)
Ayushmat Bhardwaj Soni (151420)
Prateek Ramani (151464)

Department of Computer Science & Engineering
Jaypee University of Information Technology, Wagnaghat, Solan, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Dillibabu R.
System Engineer - Education, Training & Assessment, ETA Infosys
Mysore

Date: May, 2019

CERTIFICATE

It is certified that the work contained in the project report titled “**Enhancement of the VoIPoEthernet for the Media Transport in Nokia Media Gateway 7520 IMS Voice Media Gateway**” by “**Sunayna and Rajat Bhushan**” has been carried out under my/our supervision and this work has not been submitted elsewhere for a degree.

Signature of Project Manager

Name

Signature of Supervisor

Name

JUIT, SOLAN

May of 2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

CERTIFICATE

**Jaypee University of Information Technology Wagnaghat, Solan-173234,
Himachal Pradesh**

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**Angular POC Project**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of my own work carried out under the supervision of **Mr. Jatin Kapil** (Technical Lead, Project Development Department, Click Labs). The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Aviral Saini (151452)

Kamal Jeet Singh (151262)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Jatin Kapil

Technical Lead-Project Development Department

Click Labs, Chandigarh

Date: May,2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**BioKart**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of **Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat** is an authentic record of our own work carried out over a period from 5th April 2019 to 17th May 2019 under the supervision of **Mr. Tony Shaji Thomas, Member - Education, Training & Assessment, Infosys Limited, Mysore.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Vaishali (151400)

Sagar Gaur (151402)

Nikesh Chauhan (151414)

Aastha Gupta (151434)

Abir Soni (151451)

Ekesh Garg (151453)

Dikshit Sharma (151458)

This is to certify that the above statement made by the candidates is true to the best of my knowledge.

Mr. Tony Shaji Thomas

(Member - Education, Training & Assessment, Infosys Limited)

Date: 17/05/2019

Candidate's Declaration

I hereby declare that the work presented in this report regarding the product YELO, in fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Neha Chaudhary**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Prasasti (151459)

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Neha Chaudhary
Software Project Manager,
Click Labs Pvt. Ltd.,
Chandigarh
Dated: 25 May, 2019

CERTIFICATE

I hereby declare that the work presented in this report entitled “**WordMan**” submitted in the department of Computer Science & Engineering and Information Technology, **Jaypee University of Information Technology, Wagnaghat** is an authentic record of our work carried out under the supervision of **Mr. Dillibabu R.**, System Engineer - Education, Training & Assessment, ETA, Infosys Mysore. We have not submitted this work elsewhere for any degree or diploma.

Muskan (151369)
Anirudh Sharma (151363)
Vasudha Pandey (151404)
Himanshu Chauhan (151412)
Ayushmat Bhardwaj Soni (151420)
Prateek Ramani (151464)

Department of Computer Science & Engineering
Jaypee University of Information Technology, Wagnaghat, Solan, India

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Mr. Dillibabu R.
System Engineer - Education, Training & Assessment, ETA Infosys
Mysore

Date: May, 2019

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**Home In :A Real Estate Management Portal**” in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Information Technology** submitted in the Department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology, Waknaghat is an authentic record of my own work carried out over a period from February 2019 to May 2019 under the supervision of **Mr. Manikant Kumar**.

The work done embodied in the report has not been appeased for the award of any other degree or diploma.

(Student Signature)

Ashwani Tandon
(151465)

This is to certify that the above affirmation made by the candidate is true to the best of my knowledge.

Mr. Manikant Kumar
Systems Engineer, ETA Department
Infosys Pvt. Ltd, Mysore, Karnataka

“EASEINFY”

Dissertation submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF TECHNOLOGY

IN

Computer Science and Engineering

BY

151466 Hitesh Gupta

151215 Prashant Chauhan

151234 Ayushi Manchanda

151474 Akriti Goyal

151223 Pritish Mukherjee

151240 Samiksha Gupta

UNDER THE GUIDANCE OF

Mr. Joshua Thomas

System Engineer, ETA, Infosys Mysore

To



Department of Computer Science & Engineering and Information Technology

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

WAKNAGHAT, SOLAN

CERTIFICATE

I hereby declare that the work presented in this report entitled “**MOVING BEYOND TRADITIONAL ANALYTICS**” in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Waknaghat is an authentic record of my own work carried out over a period from February to May 2019 under the supervision of **Ms. kriti Singh, Product Sales Head (Clicklabs Pvt. Ltd)**.

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Divyansh Piplani, 151468

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

Ms. Kriti Singh
Product Sales Head
Clicklabs Pvt. Ltd
Dated-21/05/2019

Mr. Tushar Bansal
General Manager
ClickLabs Pvt Ltd
Dated-21/05/2019

CERTIFICATE

It is certified that the work contained in the project report titled, “Cloud Telephony Technologies” by “Abhin Bajaj” enrollment number 151469 has been carried out under our supervision and that this work has not been submitted elsewhere for a degree.

Abhin Bajaj (151469)

Jitendra Kumar

Senior Manager

Real Time Data Services

CERTIFICATE

This is to certify that the project entitled, "AOTA" submitted by "Udit Pilonia" in partial fulfillment of the requirements for the award of " Bachelor of Technology" in "Information Technology" at the "Jaypee University of Information Technology" is an authentic work carried out by him under my supervision and guidance.

Mr.Vikash Kumar

(Technical Lead, Thales)

Candidate's Declaration

I hereby declare that the work presented in this report entitled “**Networking, Perl Scripting, Automation and UNIX**” in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Computer Science and Engineering/Information Technology** submitted in the department of Computer Science & Engineering and Information Technology, Jaypee University of Information Technology Wagnaghat is an authentic record of my own work carried out over a period from Feb 2019 to June 2019 under the supervision of **Mr. Sarthak Gupta** (Software Engineer-QA).

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

(Student Signature)

Aayushi Gupta, 151472.

This is to certify that the above statement made by the candidate is true to the best of my knowledge.

(Supervisor Signature)

Mr. Sarthak Gupta

Sr. Software Engineer

SMSM-QA

Dated: 15th May,2019

“EASEINFY”

Dissertation submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF TECHNOLOGY

IN

Computer Science and Engineering

BY

151466 Hitesh Gupta

151215 Prashant Chauhan

151234 Ayushi Manchanda

151474 Akriti Goyal

151223 Pritish Mukherjee

151240 Samiksha Gupta

UNDER THE GUIDANCE OF

Mr. Joshua Thomas

System Engineer, ETA, Infosys Mysore

To



Department of Computer Science & Engineering and Information Technology

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

WAKNAGHAT, SOLAN

Field Projects/ Internships

**Department of
Electronics and Communication
Engineering**

2019

DECLARATION

I, the undersigned, solemnly declare that the report of the project work entitled “**IBM TRIRIGA**” submitted at **JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT, INDIA**, is based on our work carried out during the internship of three months in **WIPRO LIMITED** under the supervision of **MR. DEEPAK SHARMA**.

I further declare that to the best of my knowledge and belief the project report does not contain part of any work that has been submitted for the award of any other degree or diploma or certificate in this University or any other University.

Ritul Singh (151011)

Department of Electronics and Communication Engineering

Jaypee University of Information Technology, Wagnaghat, India

Date-

CERTIFICATE

This is to certify that the work titled **IBM TRIRIGA** submitted by **Mohit Sachdeva** in partial fulfillment for the award of degree of Bachelor of Technology of **JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT,SOLAN**, has been carried out under my supervision. This work has not been submitted partially or wholly to any other University or Institute for the award of this or any other degree or diploma.

Signature of Supervisor:

Name of Supervisor: Mr. Deepak Sharma (Principal Consultant)

Date:

Candidate Declaration

We hereby declare that the work which is being presented in this project entitled Sharing Economy Platform in partial fulfillment of degree of Bachelor of Engineering in Electronics and Communication Engineering and Computer Science Engineering is an authentic record of our own work carried out under the supervision and guidance of Vinay Agnihotri, Trainer.

We are fully responsible for the matter embodied in this project in case of any discrepancy found in the project and the project has not been submitted for the award of any other degree.

Date:

Place:

CERTIFICATE

This is to certify that the Project Report entitled “**Invoice Processing Non PO Tax Coding**” submitted by **Richa Bhardwaj (151021)** for the partial fulfillment of the requirements of Bachelor of Technology in Electronics and communication Engineering Degree of **Jaypee University of Information Technology, Wagnaghat** embodies the bonafide work done by her under my supervision. The matter embodied in this project report is original and has not been submitted for the award of any other degree.

Mr. Ravi Shrivastava
(Assistant Vice President)

Mr. Hari Om Sharma
(Senior Manager)

Mr. Riyaz Mohd
(Manager)

CERTIFICATE

I hereby declare that the work presented in this report entitled RPA : Credit Prescreen in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Electronics And Communication Engineering** submitted in the department of Electronics And Communication Engineering, Jaypee University of Information Technology Waknaghat is an authentic record of our own work carried out over a period from Feb 2019 to May 2019 under the supervision of **Mr. Chandan Nagavolu.**

The matter embodied in the report has not been submitted for the award of any other degree or diploma.

Date : May, 2019

Mr. Chandan Nagavolu
Manager
Genpact
Hyderabad, India

Prof (Dr.) M.J Nigam
Professor and Head of Department
ECE Department
JUIT, Waknaghat

External Examiner

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to **GENPACT** that gave me an opportunity to undergo this internship program. I am also thankful to all those who supported me throughout the entire course of project and without whose guidance it would have been quite a difficult task.

I am highly thankful to **Ms.Murtaza Hussain, Senior Manager and Ms.Ramesh Bobbili, Project Manager** for their valuable supervision in this project, whose constant support and motivation encouraged me to do the project efficiently.

Date: 23/05/2019

Simran Chauhan(151105)

Field Projects/ Internships

**Department of
Civil Engineering**

2019

CERTIFICATE

This is to certify that the work which is being presented in the project report titled “**Widening and Upgradation to 2 lanes with paved shoulder configuration and geometric improvement from km 0.000 to km 16.990 on Chenani – Sudhmahadev section of NH-244**” in the fulfilment of the requirements for the award of the degree of Bachelor of Technology in Civil Engineering and submitted to the Department of Civil Engineering. **Jaypee University of Information Technology, Wagnaghat** is an authentic record of work carried out by **Puneet Singh (151602), Shally Singh (151612), Gourav Mahajan (151650)**, during a period from 11th February, 2019 to 20th May, 2019 under the supervision of **Mr. Ankur Verma (Planning Engineer) SRM Contractors Pvt. Ltd.** The above statement made is correct to the best of our knowledge.

Date: May 24, 2019

Dr. Ashok Kumar Gupta
Professor & Head of Department
Department of Civil Engineering
JUIT Wagnaghat

Internal Supervisor External Examiner

CERTIFICATE

This is to certify that the work which is being presented in the project report titled “**Widening and Upgradation to 2 lanes with paved shoulder configuration and geometric improvement from km 0.000 to km 16.990 on Chenani – Sudhmahadev section of NH-244**” in the fulfilment of the requirements for the award of the degree of Bachelor of Technology in Civil Engineering and submitted to the Department of Civil Engineering. **Jaypee University of Information Technology, Wagnaghat** is an authentic record of work carried out by **Puneet Singh (151602), Shally Singh (151612), Gourav Mahajan (151650)**, during a period from 11th February, 2019 to 20th May, 2019 under the supervision of **Mr. Ankur Verma (Planning Engineer) SRM Contractors Pvt. Ltd.** The above statement made is correct to the best of our knowledge.

Date: May 24, 2019

Dr. Ashok Kumar Gupta
Professor & Head of Department
Department of Civil Engineering
JUIT Wagnaghat

Internal Supervisor External Examiner

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Date: May 24, 2019

Dr. Ashok Kumar Gupta
Professor & Head of Department
Department of Civil Engineering
JUIT Wagnaghat

Internal Supervisor

External Examiner

CERTIFICATE

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Date: May 24, 2019

Dr. Ashok Kumar Gupta
Professor & Head of Department
Department of Civil Engineering
JUIT Wagnaghat

Internal Supervisor External Examiner

CERTIFICATE

This is to certify that the work which is being presented in the project report titled “**Widening and Upgradation to 2 lanes with paved shoulder configuration and geometric improvement on Chenani – Sudhmahadev section of NH-244**” in the fulfilment of the requirements for the award of the degree of Bachelor of Technology in Civil Engineering and submitted to the Department of Civil Engineering. **Jaypee University of Information Technology, Wagnaghat** is an authentic record of work carried out by **Puneet Garg (151645), Suryabhan Singh Jamwal (151674)**, during a period from 11th February, 2019 to 20th May,2019 under the supervision of **Mr.Ankur Verma (Planning Engineer) SRM Contractors Pvt. Ltd.**The above statement made is correct to the best of our knowledge.

Date: May 24, 2019

Dr. Ashok Kumar Gupta
Professor & Head of Department
Department of Civil Engineering
JUIT Wagnaghat

Internal Supervisor

External Examiner

Field Projects/ Internships

**Department of
Biotechnology & Bioinformatics**

2019

CERTIFICATE

This is to certify that the work reported in the B.Tech. academic report entitled “*T-Cell Immunotherapies Market (4th Edition), 2019-2030*” submitted by **Sanjeevani Ravi Srivastava** in partial fulfillment for the award of degree of B.Tech. in Bioinformatics from **Jaypee University of Information & Technology, Wagnaghat** has been carried out under my supervision. This work has not been submitted partially or wholly to any other University or Institute for the award of any other degree, diploma or such other titles.

Pemba Lahmo
Senior Business Analyst
Roots Analysis Pvt. Ltd

Ref: HRD/REC/TTCS/89/2018-2019

Date: 6 February 2019

Provisional Training Certificate

This is to certify that Shagun Agarwal (Employee Code: TTCS-53) is undergoing training at Talwar & Talwar Consultants and Services Pvt. Ltd. as an Intern - PRW from 04 February 2019 to till date. The internship is going to complete on 31 July 2019.

During her tenure in the company, her performance has been highly satisfactory.

For Talwar & Talwar Consultants and Services Pvt. Ltd..

Talwar and Talwar Consultants And Services Private Limited



Authorised Signatory

S. S. Bisht
Assistant Manager- HR



HOD
BT & BI



External Examiner

Ref: HRD/REC/TTCS/89/2018-2019

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For Talwar & Talwar Consultants and Services Pvt. Ltd..

Talwar and Talwar Consultants And Services Private Limited



Authorised Signatory

S. S. Bisht
Assistant Manager- HR



HOD
BT & BI



External Examiner

CERTIFICATE

This is to certify that the work reported in the B.Tech. academic project report entitled **“RNAi Therapeutics Market (2nd Edition), 2019-2030”** submitted by **Saesha Verma** in partial fulfillment for the award of degree of B.Tech. in Biotechnology from **Jaypee University of Information & Technology, Waknaghat** has been carried out under my supervision. This work has not been submitted partially or wholly to any other University or Institute for the award of any other degree, diploma or such other titles.

Mrs. Simriti Gupta
Associate
Roots Analysis Pvt. Ltd.

Date: