

EDUCATION

- **National Institute of Technology Hamirpur** H.P., India
• *Computer Science and Engineering Dual Degree (B.Tech+M.Tech) CGPA: 8.13* 08/2019 - 08/2024

SKILLS SUMMARY

- **Languages:** C, C++, PHP, Python, HTML, CSS, JavaScript, SQL.
- **Tools and Frameworks:** JQuery, Bootstrap, Reactjs, GIT, GitHub, Phpmyadmin, MySQL, MySql WorkBench, firebase, NodeJS, MongoDB, XAMP, Expressjs.
- **Platforms:** Linux, Web, Windows, Arduino, Pycharm, Jupyter, VSCode, Google collab, Intelij.
- **Other:** AI, ML, IoT, Graphics and Animation Designer, DSA, Leadership, Extraordinary Event Organisational Skills, Writing, Public Speaking, Time Coordination and handled a team of over 1000+ students and organized 30+ national level events.

EXPERIENCE

- **DEPARTMENT OF INFORMATION TECHNOLOGY(Under Govt. of India)** Onsite
• *Full-Stack Developer (Full-time)* 06/2021 - 08/2021
 - **HIMSABE:** Crafted a user-interface for an initiative that digitizes daily apple transportation of 1000+ shipments.
 - **Covid Capacity:** Crafted a dashboard and login interface for Covid Capacity – a lifesaving portal showcasing real-time bed availability across multiple H.P. hospitals. A pivotal resource, it has aided thousands in critical medical needs.) .
 - **Tech Used::** HTML, CSS, Javascript, Bootstrap, JQuery, Adobe Photoshop, nodejs, react
 - **Link to Repository @here LOC @here LOI @here:**
- **HEPTA ID/ HEALTH CARE** Remote
• *Full Stack Developer and Data Analyst* 06/2022 – 07/2022
 - **User interface:** Designed an entire UI for doctor-patients multiple user access which includes registration portal, OTP verification, dashboard, advertisement generation, multiple login, QR, databases and 30+ additional features.
 - **Tech Used::** HTML, CSS, PHP, XAMP server, Javascript, Bootstrap, JQuery, SQL, phpmyadmin.
 - **Certificate and LOR@here Link to Repository @here Link to website @here :**
- **INDYO ORGANIC CARE** Remote
• *Content Writing, Graphic Designing and Full Stack Freelance* 07/2022 – 08/2022
 - **Overview:** Developed full website content for a Shark Tank India-bound organization, inclusive of graphics and innovative website concepts for their expansive campaign featuring over 250 products.
 - **Tech Used::** Mongo DB, Express Js, React js, Nodejs, Adobe Photoshop, Figma
 - **Link to website @here :**
- **GALGOTIAS UNIVERSITY, GREATER NOIDA, U.P.** Onsite
• *Assistant Professor* 08/2024 – 02/2025
 - **Overview:** As an Assistant Professor at Galgotias University, I take pride in delivering high-quality education and possess a unique teaching skill set that sets me apart. Currently, I am teaching Database Management Systems (DBMS) to MCA students. I strive to make complex concepts accessible and engaging, ensuring that my students not only understand the material but also develop strong analytical and practical skills.

PROJECTS

- **PERSONAL PORTFOLIO: Tech Stack:** ReactJs, Tailwind CSS, ExpressJs, NodeJs, Email.js. • **Source code @here**
- **TAILORING THE FUTURE ADAPTING 5G SLICING TO MEET USER-SPECIFIC DEMANDS :** In my research, I developed a classification model using decision trees, random forests, and SVMs to classify user demands into three network slices. Built and deployed on Google Colab, the model enables real-time resource allocation, enhancing efficiency and QoS, showcasing AI's potential in advancing 5G slicing for user-centric networks. • **Tech Stack:** ML, Python • **View project Report @here • View project source code @here**
- **AUTOMATIC PAIN DETECTION USING FACIAL EXPRESSIONS:** Utilizing Keras-driven CNN emotion classification, this effort gauges pain levels via facial cues, potentially revolutionizing pain assessment. Decoding emotional nuances in expressions, it advances medical and psychological realms, boasting an impressive 99.4 % accuracy. • **Tech Stack:** ML, Python, Jupyter • **View project Report @here • Source code @here**
- **PREDICTION IN INDIAN POLITICS USING SENTIMENT ANALYSIS:** I successfully utilized BERT-based sentiment analysis and machine learning to predict Indian political election outcomes. Through advanced NLP techniques, my project achieved high prediction accuracy, highlighting a deep understanding of AI's role in politics and public opinion analysis. accuracy 98.6% shorten it and make it more impressive • **Tech Stack :** ML, Python, Google Collab • **View project report @here • Source code @here**
- **OTHER MISC PROJECTS:** Crafted a Python program featuring a quiz with API integration, modules, and a point-based scoring system. Additionally, designed a Tic Tac Toe game, a typing test with time tracking and result graphs, as well as various graphics, animations, and other captivating projects. • **Source Code @here • Videos and Graphics @here**

POSITION OF RESPONSIBILITY (CLICK)

- **Under Technical Activities- NIT Hamirpur —01/2020-Present:** • President- Technical Activities • Institute Level Coordinator- Technical Activities • Executive Member- Technical Activities • Volunteer Member- Technical Activities
- **Under R C Cell - NIT Hamirpur — 09/2021 - Present:** • Core Coordinator -Technexus.2022
- **Under Training and Placement Cell - NIT Hamirpur — 09/2022 - Present:** • Junior Training and Placement Representative 2022-23