

Chandu Singh

Github : Switch08

Email : bigbuddy460@gmail.com

Mobile : +91-8395855019

PROFESSIONAL SUMMARY

- Final-year Computer Science Engineering student with strong foundations in full-stack web development, RESTful APIs, and cloud fundamentals. Experienced in building real-world applications using Python, Node.js, Flask, and MongoDB. Seeking an entry-level Analyst / Technology role to gain practical experience in problem-solving, software development, and analytical skills as per industry standards.

EDUCATION

Graphic Era Hill University

B.Tech in Computer Science Engineering — Percentage: 81%

Bhimtal, Uttarakhand

2021 – 2025

Kendriya Vidyalaya, Haldwani

High School & Intermediate

Uttarakhand

2009 – 2021

ACADEMIC PROJECTS

• Medical Prediction Web Application

- Developed a full-stack web application using Flask and MongoDB
- Implemented symptom-based medical prediction logic
- Built an Domain specific Neural Network Intent classifier for symptom understanding and response prediction without using external APIs or pretrained libraries
- Implemented a context-checking mechanism to improve conversational accuracy and maintain relevant medical interaction flow
- Integrated OpenAI API for health suggestions, diet plans, and exercise recommendations
- Improved user experience through structured input validation and API responses

• Smart City Feedback Web Application

- Designed a web platform to collect citizen feedback on sanitation, road conditions, and cleanliness
- Integrated weather forecast and city event updates using public APIs
- Focused on clean UI/UX design to improve accessibility and citizen engagement
- Enabled real-time updates and status tracking for submitted complaints
- Built backend services using Node.js and Express.js

TECHNICAL SKILLS

- **Programming:** Python, JavaScript, C++
- **Web Technologies:** HTML5, CSS3, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Express.js, Flask
- **Databases:** MongoDB, MySQL
- **APIs:** RESTful APIs, OpenAI API, Hugging Face API
- **Cloud & Tools:** AWS, Git, GitHub
- **CS Fundamentals:** Data Structures, OOPs, DBMS, Operating Systems, Compiler Design, Computer Networks

CERTIFICATIONS

- AWS Cloud Practitioner Course – Amazon (2025)
- Full Stack Web Development – Udemy (Angela Yu) (2025)
- Python Programming – NPTEL & Scaler (2024)

ADDITIONAL INFORMATION

- **Soft Skills:** Problem Solving, Team Collaboration, Communication, Time Management