

SHAURYA SUMAN

Bengaluru, India (open to relocation) | +91 8409528636 | sumanshaurya92@gmail.com
linkedin.com/in/shauryasuman2005 | github.com/shauryasuman01

SUMMARY

B.Tech Information Technology graduate (2026, CGPA 8.16) starting a career in software development, with hands-on experience building and shipping a complete web application — React frontend, FastAPI REST backend, and the data layer — owned end-to-end from design through deployment. Strong programming fundamentals in Python and C++ backed by a competitive programming background, and experience writing, debugging, and testing production-style code during a summer internship at IIT (BHU) Varanasi. Comfortable on Linux and Git, I ramp up quickly on new technologies and enjoy turning requirements into working, maintainable software.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, SQL

Web & Backend: React.js, FastAPI, Node.js, REST API design, JSON, HTTP

Databases & Tools: MySQL, Git, Linux, VS Code, debugging and testing

CS Fundamentals: Data Structures & Algorithms (competitive programming in C++), OOP, DBMS, Operating Systems, Computer Networks

Data & ML (working knowledge): Pandas, NumPy, Scikit-learn · learning LLMs, LangChain via AI Engineer bootcamp

EXPERIENCE

Summer Intern — IIT (BHU), Varanasi

July – Sept 2025

Dept. of Computer Science & Engineering · Under Dr. Bidyut Kumar Patra, Associate Professor

- Implemented recommendation algorithms (collaborative filtering, matrix factorization) in Python, owning the full cycle of implementation, debugging, and testing against defined metrics
- Built reusable data-processing pipelines for the 100K-rating MovieLens dataset, structuring the code so experiments could be configured and repeated without rewrites
- Documented the codebase and results, and presented technical decisions and trade-offs to the faculty research team

PROJECTS

Student Feedback Analysis — Final Year Project

2026

Python, FastAPI, React, Scikit-learn, NLTK · MAKAUT

- Designed and shipped a full-stack analytics web application — React frontend, FastAPI REST backend, ML classification layer — that lets faculty upload feedback CSVs and instantly see classified sentiment, owned end-to-end from design through deployment
- Designed the REST API for file upload, processing, and results retrieval, with validation and error handling so malformed CSVs failed gracefully with clear messages
- Built the React dashboard for upload and interactive visualization of sentiment distributions, and wrote setup documentation so the system could be maintained without my involvement

Movie Recommender System

2025

Python, Pandas, NumPy, Scikit-learn · IIT (BHU)

- Built User-User and Item-Item collaborative filtering on 100K MovieLens ratings in modular, testable Python with an 80/20 train-test evaluation setup
- Handled the cold-start edge case (users with no rating history) with a popularity-based fallback, and generated diverse Top-N recommendations with genre-level filtering

EDUCATION

B.Tech, Information Technology — MAKAUT, West Bengal

2022 – 2026

CGPA: 8.16 / 10

Class 12 (CBSE, 2022): 80% · Class 10 (CBSE, 2020): 89%

Relevant coursework: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Software Engineering

CERTIFICATIONS & COURSES

The AI Engineer Course: Complete AI Engineer Bootcamp — Udemy

In Progress

Python, NLP, Transformers, LLMs, LangChain, Hugging Face, and APIs

ADDITIONAL INFORMATION

- Competitive programming background in C++ with strong DSA fundamentals · Languages: English, Hindi