ANKIT KUMAR

Purnea, Bihar

📞 +91-6201563011　✉ ankitrajj1068@gmail.com　in linkedin.com/in/ankitkumarz　○ github.com/ankit-kumarz

OBJECTIVE

Motivated and detail-oriented Computer Science undergraduate with strong proficiency in C++, Python, and Data Structures Algorithms. Passionate about building scalable and impactful applications, with hands-on experience in AI-powered projects, Flask, OpenCV, and RESTful APIs. Seeking to launch a career in software development within a collaborative team that values innovation, continuous learning, and technical excellence.

EDUCATION

JECRC University Jaipur　　　　　　　　　　　　　　　　　　　　June 2022 - June 2026
B.Tech - Computer Science and Engineering, CGPA: 8.5　　　　　　　　　　　　*Jaipur, Rajasthan*

PROJECTS

Heart Disease Prediction System　　　　　　　Django, Python, Machine Learning, April 2025
- Developed a role-based web app (Admin, Doctor, Patient) using Django for heart disease prediction.
- Achieved 85% accuracy using Gradient Boosting on real medical datasets.
- Integrated user login, feedback module, and data visualization with charts and analytics.
- Utilized Pandas, NumPy, and Scikit-learn for data preprocessing, model training, and evaluation.

eCommerce Price Comparison Tracker　　　　　　　Flask, MySQL, REST APIs, February 2025
- Created backend to fetch real-time product prices using REST APIs from Flipkart, Amazon, and Croma.
- Implemented AI-based logic for price trend prediction and alert system for price drops.
- Designed user interface with sorting, search filters, and product comparison features.
- Managed Flask server, MySQL database, and optimized data handling performance.

AI-Powered Germ Detection System　　　　　　　Flask, OpenCV, NumPy, January 2025
- Built a computer vision system using OpenCV for real-time germ detection on hand images.
- Achieved 90% detection accuracy across 200+ diverse samples under different lighting.
- Developed Flask-based backend APIs for image upload, validation, and processing.
- Optimized image pipeline using thresholding, contouring, and error handling techniques.

SKILLS

- **Core:** Data Structures & Algorithms, OOP, REST APIs, Problem Solving
- **Languages:** C++, Python, Java, SQL
- **Frameworks:** Flask, Django, OpenCV, Servlets, JSP
- **Tools:** Git, VS Code, NetBeans, Apache Tomcat
- **Databases:** MySQL
- **Soft Skills:** Time Management, Team Collaboration, Adaptability

CERTIFICATIONS

- Google Cloud Computing Fundamentals – Google　　　　　　　　　　　　October 2024
- Python Essentials 1 – Cisco　　　　　　　　　　　　　　　　　　　February 2025
- Database for Developers Foundations - Oracle　　　　　　　　　　　　April 2025
- Agile Project Management – HP Foundation　　　　　　　　　　　　　June 2025

ACHIEVEMENTS

- Solved 400+ DSA Problems across platforms including LeetCode, GFG and HackerRank.　　Ongoing
- Finalist at 3+ National-Level Hackathons　　　　　　　　　　　　　　　2024–2025

EXTRA CURRICULAR ACTIVITIES

- Participated in Multiple National-Level Hackathons　　　　　　　　　　　2024-2025
- Participated in Ministry of External Affairs of India Event in Jaipur　　　　　　June 2024