ANKIT KUMAR

Jaipur, Rajasthan

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OBJECTIVE

- Motivated and detail-oriented Computer Science undergraduate with strong proficiency in Python, Java, 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   2022 – 2026
B.Tech - Computer Science and Engineering, CGPA: 8.3   *Jaipur, Rajasthan*

PROJECTS

eCommerce Price Comparison Tracker ↗   Python(Flask), MySQL, HTML5, CSS3, JS, REST APIs, 2025
- Hackathon-winning platform at IIIT Una to compare prices across Flipkart, Amazon, Meesho, and Croma with AI-driven trends and price alerts.
- Featured authentic review filtering and a responsive user interface.
- Utilized REST APIs for real-time data scraping and integration.

AI-Powered Germ Detection System ↗   Python (Flask, OpenCV, NumPy), HTML5, CSS3, JavaScript, 2025
- Real-time germ detection with cleanliness scoring using OpenCV and NumPy.
- Integrated with Flask backend and responsive front-end.
- Provided visual analytics to track hygiene improvements post-disinfection.

Doctor Appointment Service ↗   Java (Servlets, JSP), HTML5, Apache Tomcat, 2024
- Web app for booking doctor appointments with user authentication and admin controls.
- Included doctor search and appointment history features.
- Deployed on Apache Tomcat for reliable performance.

Vehicle Tracking and Counting System ↗   Python, OpenCV, NumPy, 2024
- System to detect, track, and count vehicles in video streams using OpenCV and motion detection.
- Utilized Background Subtraction (MOG2) for real-time analysis.
- Optimized for high-resolution video processing in traffic monitoring.

Event Management System ↗   HTML5, CSS3, JavaScript, 2024
- Responsive web app to manage events with add, edit, and delete functionalities.
- Enabled seamless scheduling across devices.
- Implemented real-time event listing for enhanced user experience.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL
Technologies/Frameworks: HTML5, CSS3, Flask, OpenCV, Servlets, JSP
Databases: MySQL, MongoDB
Tools: Git, VS Code, PowerBI, NetBeans, Apache Tomcat

CERTIFICATIONS

- Google Cloud Computing Fundamentals – Google   2024
- Python Essentials 1 – Cisco   2025
- Project Management – Google   2025

EXTRA CURRICULAR

- Participated in Hackathon at IIIT Una   2025
- Participated in Ministry of External Affairs of India event   2025