ANKIT KUMAR

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OBJECTIVE

Final-year Computer Science undergraduate with strong skills in Python, Java, C++, SQL, and full-stack development frameworks (Django, Flask, FastAPI). Experienced in building and deploying applications with Docker, Kubernetes, CI/CD pipelines, and integrating APIs for real-world projects. Skilled in system integration, troubleshooting, test planning, and functional documentation through academic and internship projects. Passionate about applying critical thinking, problem-solving, and ownership to deliver high-quality, secure, and scalable applications while collaborating with cross-functional teams. Seeking a role where I can contribute to the full software development lifecycle—from design and development to testing and deployment—while continuously learning and improving.

EDUCATION

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

INTERNSHIP

Infosys Springboard Internship 6.0   August 2025 - Present
– Currently working as a Machine Learning Intern at Infosys Springboard, focusing on AI/ML implementations
– Developing and optimizing machine learning models for real-world applications using Python and ML frameworks
– Gaining hands-on experience in data preprocessing, model training, and deployment in cloud environments

PROJECTS

Heart Disease Prediction System Link   Django, Python, Machine Learning, Apr 2025
– Engineered a secure, role-based web application (**Admin, Doctor, Patient**) using **Django** and **REST APIs**.
– Implemented a **Gradient Boosting Machine Learning model** achieving **85% accuracy** on large-scale healthcare datasets.
– Optimized data pipelines with **Pandas/NumPy** and created **visual dashboards** for patient analytics.
– Deployed solution in a **Linux environment** with focus on **scalability**, **authentication**, and **data security**.

End-to-End Source Code Analysis Tool Link   Python, Flask, LangChain, OpenAI GPT, ChromaDB, Aug 2025
– Built a **Generative AI-powered application** to analyze GitHub repositories and enable natural language interaction with source code.
– Integrated **LangChain** and **ChromaDB** for semantic retrieval and repository insights.
– Implemented a **conversational Q&A system** using **OpenAI GPT models**, allowing developers to query and explore codebases.
– Deployed an end-to-end solution with **Flask**, supporting repository cloning, indexing, and interactive analysis.

TECHNOLOGY SUMMARY

- Languages: Python, C++, Java, SQL
- Frameworks: LangChain, Hugging Face Transformers, OpenAI API, FastAPI, Flask, Django, OpenCV
- Tools/Platforms: Git, GitHub, VS Code, NetBeans, Apache Tomcat, Docker, Kubernetes
- DevOps / Deployment: Git, Docker, Kubernetes, REST APIs, CI/CD, Cloud Fundamentals (GCP)
- Databases: MySQL, SQLite , Vector Databases
- Concepts: Data Structures & Algorithms, Software Architecture, Agile, Microservices, NLP, Computer Vision, RAG

CERTIFICATION

- Google Cloud Computing Fundamentals – Google   Oct 2024
- Database for Developers Foundations – Oracle   Apr 2025
- Agile Scrum in Practice – Infosys Springboard   Jun 2025

ACHIEVEMENTS

- Solved 500+ DSA Problems across platforms including LeetCode, GFG, HackerRank.   Ongoing
- Finalist at 3+ National-Level Hackathons.   2024–2025

EXTRA CURRICULAR ACTIVITIES

- Participated in Multiple National-Level Hackathons   2024-2025
- Represented University at Ministry of External Affairs Event, Jaipur   Jun 2024

CODING PROFILES

LeetCode: AnkitXLeet11 | HackerRank: ankitkumarz