Nikhil Mahajan

Pune, Maharashtra | +91 8799948641 | [Portfolio](#) | mahajannikhil0016@gmail.com | [GitHub](#) | [LinkedIn](#) | [Medium](#)

EDUCATION

ZEAL COLLEGE OF ENGINEERING — Pune, Maharashtra
Bachelor of Engineering — Expected Jun 2027

Major in Information Technology;
Cumulative GPA: 8.8/10;

WORK EXPERIENCE

BANAO TECHNOLOGIES — Remote
Software Developer Intern — Apr 2025 – Present

- Designed and deployed scalable backend APIs using the **Serverless Framework** and **AWS Lambda** across 2+ live projects.
- Integrated AWS Lambda and SQS to automate async workflows, improving task dispatch efficiency by 40%.
- Utilized **SQLAlchemy ORM** to build scalable data models and handle complex queries across **PostgreSQL** backend.
- Collaborated cross-functionally with design and frontend teams to deliver performant, maintainable backend systems across 2 major projects.

HEURISTIC TECHNOPARK — Nashik, Maharashtra
Python/Django Developer Intern — Jun 2023 – Jul 2023

- Built and maintained **RESTful APIs** using **Django REST Framework**, improving system reliability and increasing API response speed by **40%**. Reduced server costs by **15%** through improved database queries and efficient request handling.
- Developed **RESTful APIs**, optimized code performance, and implemented security best practices for scalable applications.
- Collaborated with cross-functional teams to debug issues, enhance features, and deploy high-quality web solutions.

PERSONAL PROJECTS

AI RECRUITER — Feb 2025

- Built a modular, AI-driven recruitment platform using **Flask**, **LangChain**, **LangGraph**, **FAISS**, and **HuggingFace** to automate resume parsing. Reduced manual screening time by **75%**, accelerating shortlisting and improving efficiency.
- Implemented multi-agent workflows for resume parsing, job matching, and candidate scoring using vector similarity search and structured data processing, improving selection accuracy by 80%.
- Engineered a complete pipeline with resume parsing, job description summarization, and SQLite-based score storage, enhancing hiring workflow efficiency by 65**%** for small to mid-sized teams.

STOCK PRICE FORECASTING WEBAPP — Oct 2024

- Developed a Django-based web app for stock price forecasting, enabling users to analyze and predict stock prices for any ticker using machine learning, achieving a prediction accuracy of 87%.
- Incorporated **Plotly** to create interactive visualizations of stock market trends, enhancing user engagement and data clarity. Improved trend analysis efficiency by **70%**, enabling faster and more informed decision-making.
- Leveraged the **Django** framework to build a robust backend for stock price forecasting using machine learning models. Cleaner data processing workflows, reducing prediction time by **60%** and improving application performance.

SKILLS

- **Languages:** Python, C/C++, Java, JavaScript
- **Frameworks & Tools:** Django REST Framework, Flask, FastAPI, Serverless Framework, React.js, Tailwind CSS, Docker, Git, GitHub, Postman.
- **Databases:** PostgreSQL, MySQL, MongoDB

ACHIEVEMENTS & PUBLICATIONS

- **Hackathons:** Participated in IIT Guwahati's 2025 Data Science Hackathon, solving real-world challenges.
- **Technical Writing:** Published 4+ technical blogs on [Medium](#) on backend and AI topics.
- **Competitive Programming:** Solved 100+ problems on LeetCode, GFG, and HackerRank; familiar with DSA and algorithms.