

Nikhil Mahajan

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

EDUCATION

Zeal College of Engineering

Bachelor of Engineering in Information Technology; GPA: 8.8/10

Pune, Maharashtra

Expected Jun 2027

WORK EXPERIENCE

Software Developer Intern

Banao Technologies

Apr 2025 – Oct 2025

Remote

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

Python/Django Developer Intern

Heuristic Technopark

Jun 2023 – Jul 2023

Nashik, Maharashtra

- 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 optimized database queries and efficient request handling
- Implemented security best practices and developed scalable web applications with clean code architecture
- Collaborated with cross-functional teams to debug issues, enhance features, and deploy high-quality solutions

PERSONAL PROJECTS

AI Recruiter

Flask, LangChain, LangGraph, FAISS, HuggingFace, SQLite

Feb 2025

- Built modular AI-driven recruitment platform to automate resume parsing, increasing efficiency and reducing manual screening time by 75%
- Implemented multi-agent workflows for resume parsing, job matching, and candidate scoring using vector similarity search, improving selection accuracy by 80%
- Engineered complete pipeline with resume parsing, job description summarization, and SQLite-based score storage, enhancing hiring workflow efficiency by 65%

Stock Price Forecasting Web App

Django, Python, Plotly, Machine Learning

Oct 2024

- Developed Django-based web application for stock price forecasting with machine learning, achieving 87% prediction accuracy
- Incorporated Plotly for interactive visualizations of stock market trends, increasing speed and improving trend analysis efficiency by 70%
- Built robust backend with cleaner data processing workflows, reducing prediction time by 60% and improving performance

TECHNICAL 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

Cloud & DevOps: AWS Lambda, AWS SQS, Serverless Architecture

ACHIEVEMENTS & PUBLICATIONS

Participated in IIT Guwahati's 2025 Data Science Hackathon, solving real-world data challenges

Published 4+ technical blogs on Medium covering backend development and AI topics

Solved 200+ problems on LeetCode, GeeksforGeeks, and HackerRank with strong foundation in DSA