Nikhil Mahajan

Pune, Maharashtra | +91 8799948641 | mahajannikhil0016@gmail.com | GitHub | LinkedIn | Portfolio

EDUCATION

Zeal College of Engineering   Pune, Maharashtra
Bachelor of Engineering in Information Technology; GPA: 8.8/10   *Jun 2027*

WORK EXPERIENCE

Software Developer Intern   Apr 2025 – Oct 2025
Banao Technologies   *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   Jun 2023 – Jul 2023
Heuristic Technopark   *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

LearnLabs - AI Course Generator Web App   Oct 2025
React, FastAPI, JWT, Grok API, LLMs   *Live Demo*
- Built a full-stack AI-powered learning platform using React and FastAPI with JWT-based authentication, securing user sessions and APIs with 100% protected access
- Implemented LLM-driven course and roadmap generation using Grok API, dynamically creating structured syllabi, lesson flows, and learning paths in under 3 seconds
- Designed scalable REST APIs and optimized frontend–backend communication, reducing API response latency by 45%

AI Recruiter   Feb 2025
Flask, LangChain, LangGraph, FAISS, HuggingFace, SQLite
- Developed 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%

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