ADITYA DUBEY

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Python Developer with hands-on experience building and maintaining web applications using Python, Django, Flask, and REST APIs, along with SQL, ReactJS, Git, and debugging/troubleshooting. Experienced in backend business logic, database-driven applications, API integrations, and AI-powered automation (LLM integration, OCR, chatbots), with a strong foundation in DSA, OOPs, DBMS, and system design fundamentals.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, C, HTML, CSS
Python/Backend: Django, Django REST Framework, Flask, REST APIs, ORM, ReactJS, Bootstrap
Database/Tools: MySQL, PostgreSQL, Git, GitHub, Pandas, NumPy, Scikit-learn, Google Sheets Automation, Microsoft Excel
AI/Automation: LLM Integration, Claude API, OCR, Prompt Engineering, AI Chatbots, Workflow Automation, API Automation
Hosting/Deployment: Web Hosting, Domains, DNS Fundamentals, cPanel, SSL Fundamentals, Email/SMTP, Render, Vercel, Hostinger
Cloud/DevOps: Docker, AWS, Deployment Workflows
Core: Data Structures & Algorithms, OOPs, DBMS, Operating Systems, Computer Networks, System Design Basics, Technical Troubleshooting, Root Cause Analysis

EXPERIENCE

Graduate Engineer Trainee – Technical Project Manager **Feb 2026 – Jul 2026**
ICAM Systems Ltd., Noida

- Engineered MDB 2.0, a Python/Claude API-powered Google Sheets automation system that extracts structured data from PDFs and generates automated material and price comparison data, reducing manual processing time by 70%.
- Designed Python-based API integrations and workflow automations to reduce repetitive tasks, improve data accuracy, and streamline internal processes.
- Collaborated as a business analyst on automation tooling, performing requirement analysis and automation architecture planning; worked with SCADA/IoT monitoring systems to reduce manual intervention.

Artificial Intelligence Engineer **Jul 2025 – Present**
Flowtux, Lucknow

- Developed, tested, and maintained web applications using Python, Django, ReactJS, SQL, Git, and REST APIs.
- Collaborated with the development team to debug issues, implement new features, and optimize application performance.
- Participated in code reviews, documentation, and troubleshooting to deliver reliable, scalable Python-based solutions following software development best practices.

Trainee – Full Stack Developer **May 2025 – Feb 2026**
Ducat India / SO Infotech Pvt. Ltd., Noida

- Developed and troubleshot full-stack web applications using Python, Django, HTML, CSS, Bootstrap, SQL, and Git.
- Implemented authentication, REST APIs, database integration, responsive UI, and backend business logic while debugging application and integration issues.
- Gained hands-on training in core IT technologies and deployment/hosting workflows through practical labs and live projects.

PROJECTS

TenderAstra – AI Powered EPC Tendering Platform Demo

- Developing an AI-powered EPC tendering platform using Python (Django), ReactJS, and SQL for document processing, tender analysis, bid evaluation, risk checks, project tracking, and role-based workflows.
- Implementing automated document workflows and AI-assisted analysis to reduce manual processing and improve operational efficiency.

Capture The Flag – Cybersecurity Exam Platform Demo

- Built a web-based examination platform in Python (Django) with authentication, CRUD operations, challenge management, automated scoring, and candidate performance dashboards.
- Implemented secure backend workflows and database-driven functionality using Django and SQL.

DishGennie – Recommendation Web Application Demo

- Developed a Django-based recommendation platform with location-based search, filtering, user profiles, and database-driven workflows.
- Implemented backend APIs and responsive web functionality while troubleshooting application and data-handling issues.

EDUCATION

B.Tech in Information Technology, Dr. A.P.J. Abdul Kalam Technical University **2022 – 2026**
Intermediate, Smt. D.B.S Inter College, Jaunpur **2021**
High School, Smt. D.B.S Inter College, Jaunpur **2019**

CERTIFICATIONS & ACHIEVEMENTS

- CyberSecurity Workshop – CDAC Hyderabad | Nexus Hackathon x DEVRhylme
- Solved 100+ DSA problems (arrays, trees, graphs, DP); participated in 5+ hackathons and 10+ technical seminars.
- Completed Full Stack Django Developer training and Cyber Security workshop.