

Anuj Jain

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Full-stack Python developer & AI engineer with a flair for building end-to-end smart systems — from IoT devices to LLM-powered apps. 2025 SIH finalist and active freelancer with 25+ delivered automation projects.

TECHNICAL SKILLS

Languages	Python, SQL, JavaScript, HTML/CSS
ML	Scikit-learn, XGBoost, TensorFlow, OpenCV, Pandas, NumPy
GenAI	OpenAI API, LangChain, LangGraph, LLM Agents, ChatGPT Integration
Web/API	FastAPI, Flask, Django, REST APIs, React.js, Firebase SDK
DevOps & Platforms	Docker, Git, GitHub Actions, CI/CD, Postman, AWS (EC2/S3), Firebase, Heroku

EXPERIENCE

MookMati (AI-Powered Book Startup) <i>Machine Learning Intern</i>	July 2024
<ul style="list-style-type: none">Developed ML model to classify book genres from descriptions using TF-IDF + XGBoost (88% F1); deployed via FastAPI for live inference.Engineered FastAPI backend with REST endpoints for genre prediction and recommendations; added caching and logging for performance and observability.Containerized service using Docker and deployed on AWS EC2 with auto-restart scripts and process monitoring for production-grade reliability.	
Fiverr <i>Freelance Python & AI Agent Developer</i>	Aug 2023 – Present
<ul style="list-style-type: none">Delivered 25+ Python automation solutions (web scraping, API bots, data pipelines), cutting manual work by 60% for global clients.Built GenAI-powered chatbots and autonomous agents using LangChain, LangGraph, and OpenAI APIs; integrated tools like Google Sheets, Email, and PDFs.Developed LLM-backed APIs using FastAPI + Docker, enabling businesses to embed conversational AI into their platforms; delivered 5-star rated solutions.	

PROJECTS

Low-Cost Smart Chessboard with Cloud Integration <i>IoT Hardware/Software System</i>	May 2025
<ul style="list-style-type: none">Built an IoT-enabled chessboard using ESP32, multiplexers, and 64 reed switches with 98.2% move detection accuracy at 1/8th commercial cost; implemented Firebase cloud logging, a React dashboard, and Stockfish integration.Led a 3-member team through end-to-end development (PCB prototyping, firmware, testing with 20+ users); optimized chess logic in Python and sensor polling, reducing power consumption by 40%.	
hideFlare: CDN Obfuscation Detection System <i>Smart India Hackathon 2024 Finalist (MP Police)</i>	Jan 2025
<ul style="list-style-type: none">Selected as one of the top 5 national teams (out of 88,000+) to build a cybersecurity tool for MP Police, analyzing 2,000+ suspicious domains using a 6-layer detection system with DNS forensics, TLS fingerprinting, and ML (XGBoost) — achieving 92% accuracy.Developed a Flask + Scikit-learn backend processing 50+ features (ASN, WHOIS, HTTP headers); deployed via Docker in cyber labs. Judges recognized our IP geolocation correlation method, which reduced false positives by 37%.	

EDUCATION & CERTIFICATIONS

Samrat Ashok Technological Institute B.Tech in Internet of Things GPA: 8.34 / 10.0	June 2026	Certifications <ul style="list-style-type: none"><u>Joy of Computing with Python</u> – IIT Madras (NPTEL Elite + Silver)Machine Learning Specialization – Stanford (Coursera)Meta Front-End Developer – Meta (Coursera)<u>Java Programming & Software Engineering</u> – Duke (Coursera)
Board of Secondary Education, MP Class XII (Science Stream) Marks: 96.4%	March 2021	

ACHIEVEMENTS & AWARDS

- Secured **2nd position** among 88,221 teams (492,960 participants) in **Smart India Hackathon 2025**.
- Awarded the HDFC Badhte Kadam Scholarship for academic excellence and potential in year 2023 & 2024.
- Secured **3rd position** in **Robo Race** at Satyarth Techfest 2023 by designing an autonomous car using ESP32.