

Anuj Jain

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Full-stack Python developer and AI engineer with experience across ML, Generative AI, and IoT.

Amazon ML Summer School trainee, SIH 2025 finalist, and active freelancer with 25+ delivered automation projects.

Education

Samrat Ashok Technological Institute

June 2026

Bachelor of Technology in Internet of Things | CGPA: 7.85/10.0

Board of Secondary Education, MP

March 2021

Higher Secondary Certificate (Science Stream) | Percentage: 96.4%

Experience

Amazon ML Summer School - Trainee

Aug 2025

- Selected from 60,000+ applicants for intensive machine learning program
- Completed 8 modules: Supervised/Unsupervised Learning, Deep Neural Networks, Sequential Models, Reinforcement Learning, Generative AI, Causal Inference
- Gained hands-on experience with Amazon-scale ML systems and recommendation engines

MookMati (AI-Powered Book Startup) - Machine Learning Intern

July 2024

- Developed ML model for book genre classification using TF-IDF and XGBoost, achieving 88% F1-score
- Engineered FastAPI backend with REST endpoints for genre prediction and recommendations
- Containerized and deployed service on AWS EC2 with monitoring and auto-restart capabilities

Fiverr - Freelance Python & AI Developer

Aug 2023 - Present

- Delivered 25+ Python automation solutions reducing manual work by 60% for global clients
- Built GenAI-powered chatbots and autonomous agents using LangChain, LangGraph, OpenAI APIs
- Developed LLM-backed APIs using FastAPI and Docker for conversational AI integration

Projects

AI-Powered Developer Portfolio

Apr 2025

- Built customizable portfolio platform using Next.js, TypeScript, and Google Gemini API
- Implemented AI-driven content generation and resume parsing for automated portfolio creation
- Features include dynamic chatbot, responsive design, and Vercel deployment

Insurance Premium Prediction API

Sep 2025

- Built production-ready ML inference API with FastAPI and Pydantic validation
- Dockerized application with comprehensive monitoring endpoints and Swagger documentation

Some Other Relevant Projects

- LeetConnect - JavaScript-based Chrome Extension IntelliPrice - ML-powered Laptop price prediction system
- SpamSense - NLP-based spam detection tool PopcornPicks - Movie recommendation system

Technical Skills

Languages: Python, SQL, JavaScript, HTML/CSS

Machine Learning: Scikit-learn, XGBoost, TensorFlow, OpenCV, Pandas, NumPy

Generative AI: OpenAI API, LangChain, LangGraph, LLM Agents, ChatGPT Integration

Web & APIs: FastAPI, Flask, Django, REST APIs, React.js, Firebase SDK

DevOps & Cloud: Docker, Git, GitHub Actions, CI/CD, AWS (EC2/S3), Firebase, Heroku

Awards

Certifications

- Joy of Computing with Python - IIT Madras (NPTEL Elite + Silver) 2024
- Machine Learning Specialization - Stanford University (Coursera) 2024
- Meta Front-End Developer Professional Certificate - Meta (Coursera) 2024
- Java Programming & Software Engineering - Duke University (Coursera) 2023

Achievements

- Smart India Hackathon 2025:** Secured 2nd position among 88,221 teams (492,960 participants)
- HDFC Badhte Kadam Scholarship:** Awarded for academic excellence in 2023 & 2024
- Amazon ML Summer School:** Selected from 60,000+ applicants (top 5% selection rate)
- Satyarth Techfest 2023:** Secured 3rd position in Robo Race by designing an autonomous car.

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