

Anmol Mishra

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Experience

AI-Powered Fraud Detection System

Software Engineer
TechnologyIntern

Remote

Oct 2025 - Present

- Developed end-to-end backend and AI-driven features for document processing and social platform applications.
- Built document parsing pipelines with structured field extraction, rule-based validation, and quality checks.
- Integrated Google DocumentAI, Gemini Flash, and custom processing flows to automate data extraction.
- Designed scalable backend services using FastAPI, Python, asynchronous workflows, and modular architecture.
- Implemented APIs and internal tools supporting multi-format documents and dynamic validation rules. Built the complete backend for an AI-enabled social platform MVP, including authentication flows, user workflows, and LLM-powered features.
- Led deployment tasks using Docker, CI/CD pipelines, environment configuration, and production rollout.
- Contributed to backend migration from Django to FastAPI, improving overall performance and maintainability.

AI Wallah Pvt. Ltd.

Machine Learning Intern

Remote

May 2025 - July 2025

- Enhanced virtual garment try-on experiences using IDM-VTON, optimizing AI workflows for fashion applications.
- Developed and deployed semantic search capabilities for image retrieval using descriptive prompts.
- Built and scaled RESTful API to integrate machine learning models into production environments.

Projects

Real-time Face Recognition System

[Project Link](#)

- Developed an entry/exit tracking system with real-time face detection using OpenCV and AWS Rekognition.
- Secure automated log storage with integration of the cloud database.
- **Tech Used:** AWS Rekognition, S3 Bucket, Python, OpenCV.

Automated Knowledge Graph Builder

[Project Link](#)

- Built a system to extract entities and relationships from documents using spaCy, pdfplumber, and pytesseract.
- Dynamic graph construction and visualization enabled for better data insight.
- **Tech Used:** Python, Streamlit, spaCy, networkx, matplotlib, pdfplumber, pytesseract.

Education

Dr. A. P. J. Abdul Kalam Technical University, Lucknow

B. Tech (Computer Science And Engineering)

2022 – 2026

Skills

Languages: Python, Java.

Technologies, Frameworks & Libraries: Google Document AI, TensorFlow, Keras, Scikit-learn, OpenCV, spaCy, NLTK, FastAPI, Django, REST APIs, LLM Integrations, Streamlit, pdfplumber, pytesseract, networkx.

Database, Cloud & Tools: PostgreSQL, MySQL, AWS (Rekognition, S3, EC2), SQL, Git, CI/CD, Docker.

Leadership & Volunteering

Lead at Coding Club – AIMT: Mentored and collaborated with peers to foster growth within the club.

Group Lead, GDSC – AIMT: Facilitated Coding boot camps, instructing over 50+ participants.