

ANAS SAYED

AI Engineer | Fintech & Decision Intelligence

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PROFILE

Final-year B.Sc. Computer Science student with hands-on experience in credit risk modeling, production ML pipelines, and generative AI systems. Built and deployed containerized ML microservices using XGBoost, SHAP, FastAPI, and Docker. Seeking AI/ML, data science, and fintech engineering roles.

EDUCATION

B.Sc. Computer Science — D.G. Ruparel College, Mumbai

2024 – 2027

GPA: 8.00 / 10.00 FY

- Google Machine Learning Crash Course — Google (2024)
- Excel for Business — Great Learning (2024)
- Generative AI with Large Language Models — DeepLearning.AI (Coursera)

TECHNICAL SKILLS

Languages: Python, SQL, Excel

AI & ML: TensorFlow, Keras, Scikit-learn, NumPy, Pandas, XGBoost, SHAP (Explainable AI), Vision Transformers (ViT), PyPortfolioOpt, Matplotlib, Seaborn

GenAI & Agents: CrewAI, LangChain, Hugging Face (Transformers), Sentence-Transformers, Gemini APIs, Multi-Agent Orchestration

Deployment & Web: FastAPI, Uvicorn, Streamlit, Docker, Docker-Compose, JWT Authentication, SQLite, Git, GitHub, Git LFS

Concepts: RAG (Custom), Vector Embeddings, EDA, Feature Engineering, Cosine Similarity, REST APIs, Prompt Engineering (CoT/ReAct), Credit Risk Modeling, RBI Compliance, Account Aggregator (AA) Data Framework, Fundamental & Equity Valuation (DCF, Graham Valuation), Time-Series Analysis, Microservices

EXPERIENCE

Machine Learning Engineer Trainee (OJT) | Fusion Classroom Edutech Limited

DEC 2025 – May 2026

- Annotated and structured data from video-based sources, extracting and recording key attributes into Excel and Google Sheets for machine learning workflows.
- Performed contextual analysis and inference to populate multiple data fields from unstructured video content while maintaining high labeling accuracy.
- Conducted quality verification and validation of annotated datasets, consistently meeting project requirements and submission deadlines during the On-the-Job Training program.

PROJECTS

CreditSense | Founder — B2B Credit Risk Scoring Platform

Python, XGBoost, SHAP, FastAPI, Docker

- Built an end-to-end credit risk scoring system for Indian NBFCs using a 20-feature financial behavior pipeline, XGBoost-based scoring, and SHAP for explainability, validated against the Home Credit dataset.
- Integrated Account Aggregator-based financial data ingestion via the Setu sandbox and deployed the scoring engine as a Dockerized FastAPI API.

StockLens | Multi-Agent Equity Research & Fundamental Screener

Python, Multi-Agent AI, Financial APIs

- Built an autonomous multi-agent equity research platform for NSE & BSE stocks, combining deep-research workflows with grounded financial-data retrieval and resilient AI model orchestration across agents.
- Implemented an 11-factor fundamental analysis engine with Graham valuation and multi-scenario DCF modeling for stock screening.

Multi-Crop Plant Disease Detection & Farmer Advisory System

TensorFlow, Vision Transformer (ViT), FastAPI

- Deployed a Dual-Head Vision Transformer architecture with MobileNetV2 transfer learning for constrained crop-and-disease classification, improving real-world accuracy via background removal and test-time averaging.
- Built a full-stack advisory app with a JWT-authenticated FastAPI backend, SQLite storage, prediction history, and PDF report generation for farmers.

DevDocs AI | RAG Q&A Bot for Developer Documentation

Python, HuggingFace, RAG

- Built a RAG pipeline from scratch without vector databases, implementing Cosine Similarity search using NumPy — demonstrating deep retrieval fundamentals beyond off-the-shelf wrapper usage.
- Engineered a custom orchestration script to fetch dense embeddings via Hugging Face SentenceTransformers and inject structured context into the LLM prompt for precise, low-hallucination responses.