

Tanish Anam

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Education

- Mukesh Patel School of Technology, Management and Engineering 2021 ? 2025
- B.Tech in Computer Science and Business Systems
- CGPA: 3.58 / 4

Skills

Languages: Python, C++, C#, SQL

AI/ML: LLMs, RAG, Computer Vision, NLP, Deep Learning

Frameworks: PyTorch, TensorFlow, LangChain, Hugging Face, LlamaIndex

Tools: Git, FastAPI, Azure, Docker, Kubernetes, MLflow

Experience

Capgemini Technology Services ? Software Engineer July 2025 ? Present

- Developed an AI powered Sentiment Analysis Platform for transport related social media monitoring.
- Built NLP pipelines for sentiment analysis, entity extraction and incident detection using VADER.
- Integrated Streamlit, Power BI and Ollama for analytics and AI insights.

Mondelez International ? Technical Intern May 2024 ? July 2024

- Managed project schedules and reports for printer refresh projects across Australia, Bahrain and Nigeria.
- Prepared and analysed weekly incident reports using Power BI.
- Coordinated with network teams for IP address allocations and printer installations.
- Configured SMTP settings to resolve scanning issues at 25 Alliant sites in India.

Projects

Enterprise RAG Assistant (LangChain, FAISS, Ollama, FastAPI) 2026

- Developed a RAG assistant for querying enterprise documents with semantic search.
- Used LangChain, FAISS and Hugging Face embeddings to retrieve relevant document context.
- Integrated Llama 3 with the retrieved context to reduce hallucinations and exposed the solution through FastAPI.

Open Set Logo Detection and Blurring (YOLOv5, CSPResNeXt-50) 2023 ? 2025

- Implemented a two-stage open-set logo detection pipeline using YOLOv5 and CSP ResNeXt-50.
- Achieved mAP50 = 0.81 and Recall = 0.74 on the OSLD dataset.
- Enabled identification and blurring of unauthorized logos.

Apple Stock Price Predictor using Prophet & GARCH (Python) 2024

- Performed time-series modeling and statistical validation of trends (Prophet) and volatility (GARCH).
- Validated predictions against actual stock data and assessed accuracy using MAPE.

Research Work

- Open Set Logo Detection and Blurring using YOLOv5 and CSPResNeXt-50 (2023 ? 2025). Presented at ICAML 2025.