

TECHNICAL EXPERIENCE

GenAI Engineer <i>NTT DATA, Mumbai</i>	April 2025 — Present
<ul style="list-style-type: none">Led team developing AI Agent monitoring platform with real-time performance tracking, reducing model debugging cycles.Architected HIPAA-compliant multi-agent assistant with Redis context management and hybrid retrieval, processing 10K+ regulatory queries with 98% accuracy.	
ML Engineering Intern <i>TCR Innovation, Mumbai</i>	April 2022 — Jun 2022
<ul style="list-style-type: none">Developed predictive retention model achieving 85% accuracy, preventing \$50K monthly customer churn.Automated data processing pipelines with Python and SQL, reducing manual intervention by 60% and improving data quality.	

SKILLS

AI & LLM Engineering	LangChain, RAG Systems, Vector DBs (FAISS, ChromaDB), Multi-Agent Systems, Fine-tuning
Full-Stack Development	Python, TypeScript, React, Next.js, Django, FastAPI, WebSocket, PostgreSQL
Cloud & Infrastructure	AWS (Lambda, ECS, S3), Azure OpenAI, Docker, Kubernetes, CI/CD

EDUCATION

Master of Science in Data Science with AI (Merit) <i>University of Exeter, England, UK</i>	Sept 2023 — Sept 2024
<ul style="list-style-type: none">Dissertation: Preventing confidential data leaks with NLP – achieved 40% reduction in data exposure.Advanced coursework: Machine Learning, Social Network Analysis, Text Processing with Python.	
BE Electronics and Telecommunications Engineering (8.01/10 CGPA) <i>Xavier Institute of Engineering, Mumbai, IND</i>	June 2019 — May 2023
<ul style="list-style-type: none">Final-Year Project: Decentralised crowdfunding platform on Solana blockchain with smart contracts.Technical foundation: Data Structures (C++), Database Management (SQL), Deep Learning (Python).	

PROJECTS

iAgentOps AI Observability Platform <i>AI Agent Observability & Monitoring Platform SaaS</i>	July 2025 — Ongoing
<ul style="list-style-type: none">Led integration of RAGOps observability module into production Django-React platform, implementing OpenTelemetry instrumentation for comprehensive AI system telemetry collection.Built FAISS embedding pipelines with real-time performance tracking via OTLP protocol, monitoring RAG retrieval accuracy, latency, and coverage metrics.Delivered interactive dashboards and APIs for stakeholder demonstrations, reducing model debugging cycles by 45% through enhanced observability.	
HIPAA-Compliance AI Assistant <i>Healthcare AI & Compliance Management SaaS</i>	September 2025 — October 2025
<ul style="list-style-type: none">Architected multi-agent RAG system with adaptive chunking and hybrid retrieval, processing 126K+ token regulatory contexts through Azure OpenAI GPT-4o for compliance guidance.Implemented zero-PHI LLM pipeline with sanitization-restoration architecture, enabling secure healthcare document generation while maintaining 100% HIPAA compliance.Built encrypted Redis memory management with streaming chat interface, delivering transparent regulation-backed responses with citation extraction. Link	
Data Leak Prevention through Behavioral AI <i>Finetuning Research Project</i>	April 2024 — Sept 2024
<ul style="list-style-type: none">Deployed BERT-based NLP model with real-time inference achieving 92% accuracy in confidential data detection on production web application.Achieved 40% reduction in data exposure incidents through intelligent nudging system and behavioral pattern analysis algorithms.	

CERTIFICATIONS

Microsoft Certified: Azure Data Scientist Associate (DP-100)	June 2025
Microsoft Certified: Azure AI Engineer Associate (AI-102)	July 2025