

Sajid Ahmed

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EXPERIENCE

Software Developer Intern – Royal Perfume House, London

Jan 2026 – May 2026

- Developed a full-stack e-commerce app (**React.js**, **Node.js/Express**) handling **300** products and **150** monthly orders.
- Optimised database queries and indexing, cutting REST API response latency from **800ms** to **200ms**.
- Improved product page load time from **3.2s** to **1.4s** through lazy loading and efficient asset delivery.
- Created a secure admin dashboard with role-based access and CRUD workflows, replacing spreadsheet stock management.

Brand Partnerships Executive – Viral Fission, Mumbai

Sep 2025 – Nov 2025

- Analysed campaign performance data with **SQL** and Excel, and built **Tableau** dashboards tracking **12+** KPIs.
- Automated weekly partner performance reports with custom scripts, cutting manual processing time by **35%**.

AI Engineering Intern – Skylife Research, Mumbai

Mar 2025 – Jul 2025

- Built a multi-agent GenAI platform on **Vertex AI** (Gemini, Imagen) that turns financial market data into infographics.
- Designed a four-agent pipeline with a **FastAPI** orchestration server and Figma plugin integration.
- Cut the time to produce an infographic from **45 minutes** of manual design to under **2 minutes**.
- Reduced generation time from **~90s** to **~35s** with parallel agents and caching, and cost per infographic by **40%**.

Data & Organisation Coordinator – TEDxKCCollege, Mumbai

Jan 2023 – Feb 2024

- Segmented attendee and registration data with **SQL** to target outreach that drove **48%** of total ticket sales.
- Produced **Power BI** dashboards on live campaign performance and audience demographics.

PROJECTS

CyberSecAgent – cybersec.sajidahmed.dev

- Multi-agent security platform built with **LangGraph** that triages incidents, correctly classifying **17 of 20** test cases.
- Matches users to experts via a **Neo4j** knowledge graph; built with FastAPI, PostgreSQL and Next.js, tested in CI.

AI Change Impact Analyzer – ai-impact.sajidahmed.dev

- Predicts the impact of policy changes with parallel LangGraph agents, **halving** analysis time versus sequential runs.
- Hybrid retrieval with **ChromaDB** and **BM25**; FastAPI, Streamlit and Docker, deployed via GitHub Actions.

Financial Analysis Agent Crew – finance.sajidahmed.dev

- Agents combine live Yahoo Finance data and news sentiment into a PDF report in **1 minute** vs **30 minutes** manually.
- Fails over across Mistral, Groq and Gemini when a provider is rate-limited; built with Plotly and Streamlit.

Multi-Source RAG System – rag-system.sajidahmed.dev

- Answers questions across PDFs, CSVs and web pages with cited sources, using **LlamaIndex** and **FAISS**.
- Cross-encoder re-ranking raised correct answers on a 20-question test set from **12** to **16**.

TECHNICAL SKILLS

Languages – Python, TypeScript, JavaScript, SQL, HTML/CSS

AI & LLM – LangChain, LangGraph, LlamaIndex, RAG, Multi-Agent Systems, Vertex AI, Gemini, OpenAI API

Backend & Frontend – FastAPI, SQLAlchemy, Node.js, Express, REST APIs, React, Next.js, Tailwind CSS, Streamlit

Data & Databases – Pandas, NumPy, Plotly, OpenCV, Power BI, Tableau, PostgreSQL, Neo4j, ChromaDB, FAISS

Cloud & DevOps – AWS, Docker, GitHub Actions (CI/CD), Git, Pytest

EDUCATION

University of East London (UEL)

Jan 2026 – Jun 2027

MSc Computer Science with Industrial Placement – Current average: 90%

London, UK

Relevant Coursework: AI & Machine Vision, Cloud Computing, Advanced Software Engineering, Big Data Analytics

KC College, HSNL University

Aug 2022 – Apr 2025

BSc Computer Science – GPA: 3.5

Mumbai, India

Relevant Coursework: Machine Learning, Software Development Life Cycle (SDLC), DevOps, Database Systems