

VISWASH MEHTA

+44 7442092432 ✉ viswash7@gmail.com ◊ [linkedin](#)

SKILLS

- **Coding & Frameworks:** LangChain, LangGraph, MCP (Model Context Protocol), A2A (Agent-to-Agent) Protocol, Prompt Engineering, LangSmith, Python, PyTorch, TensorFlow, Keras
- **AI/ML & LLMs:** Retrieval-Augmented Generation (RAG), GenAI, Vector Databases, Machine Learning, Deep Learning, Computer Vision, Time Series Forecasting, Bayesian Active Learning, Natural Language Processing (NLP)
- **Data & Delivery:** AWS (Bedrock, SageMaker); Azure (Azure ML), GCP, FastAPI, REST, SQL, PostgreSQL, Snowflakes, Docker, Kubernetes, Git, CI/CD, React.js, Angular.js, Vite
- **Technical Leadership & Team Delivery:** System Design, Architecture Reviews, End-to-End Ownership, Mentoring & Coaching, Client-Facing Delivery, Stakeholder Communication, Cross-Functional Collaboration

WORK EXPERIENCE

Senior Technical Lead

HCLTech

March 2025 - Current

London, UK

- **Leading GenAI solution design and implementation** for enterprise clients, including a major UK oil & gas distributor, delivering scalable MultiModal Agentic Graph RAG architectures to enhance operational efficiency and knowledge discovery.
- **Managing and mentoring a cross-functional team** of five AI engineers and data scientists, fostering a culture of innovation, ownership, and continuous learning to ensure high-impact GenAI deliverables and client satisfaction.

Data Scientist

Metamorf

Jan 2024 - Jan 2025

London, UK

- Developed a **cross-selling intelligent legal lead generation engine** for a magic circle law firm which led to **an addition of \$100M to the revenue**. Managed a team of **6 people** and oversaw **end-to-end operations** from backend systems to client-facing activities.
- Developed a web application leveraging LangChain and LangGraph with advanced **Retrieval-Augmented Generation (RAG)** techniques to create intelligent agents for web scraping and data analysis, delivering personalized opportunity recommendations for a magic circle law firm clients and lateral hires.
- Developing an **AI-based document extraction and drafting system** using LangGraph for legal firms, enabling advanced search, retrieval of precedent contracts, and **automated first-draft contract creation** based on contextual information.
- Managed client expectations and interfaced with them throughout the project timelines to ensure a timely delivery.

Data Scientist (Part-Time)

Metamorf

Oct 2022 - Jan 2024

London, UK

- Developed an **end-to-end legal database** fetcher using **Django**, with a **fine-tuned BERT model** for converting natural language to SQL queries, enabling real-time data retrieval and dynamic front-end display.
- Developed interactive **data visualizations dashboards** on large-scale legal datasets to identify patterns and trends, enhancing case strategies, risk assessments, and predictive models.
- Represented the technical side in client deals, contributing to successful outcomes and winning projects by effectively communicating technical solutions, addressing client concerns, and demonstrating the value of technical innovations resulting in a significant increase in **firm's revenue by 60%**.

Research Assistant [[Research Centre](#)]

Indian Institute Of Management (IIM Ahmedabad)

April 2022 - September 2022

Ahmedabad, India

- Collaborated with senior leaders and external consultants at Boston Consulting Group (BCG) to uncover key trends in company messaging, supporting strategic alignment with evolving market dynamics.
- Conducted data-driven analyses using programming languages and tools such as LDA and NMF to extract insights from unstructured text data.

PROJECT & PUBLICATION

Developing closed-loop non-invasive brain stimulation intervention for dementia [[Thesis](#)]

- Utilized highly comparative time series analysis of resting state EEG and a linear SVM to distinguish Alzheimer's patients from healthy controls, identifying the theta to alpha ratio and transition power ratio as valuable biomarkers, achieving up to **77.1% balanced accuracy**.

Lecture Notes in Electrical Engineering (LNEE, Springer) [[Survey](#)]

- Paper title "A Survey on Visio based elders fall detection using deep learning models" has been accepted for presentation in **FTNCT-2021** and submitted to Lecture Notes in Electrical Engineering (LNEE, Springer)

EDUCATION

Imperial College London

PGDip in Applied Machine Learning

Oct 2022 - Oct 2024

London, UK

Gujarat Technological University

Bachelor of Computer Engineering

Nov 2018 - May 2022

Ahmedabad, Gujarat