

CAMERON BELL

London, UK | (+44) 7428 259933

cameronsobell@gmail.com | [linkedin.com/in/cameronsobell](https://www.linkedin.com/in/cameronsobell) | github.com/cam-bell | cameron-bell.vercel.app

PROFESSIONAL SUMMARY

Full-Stack AI/ML Engineer specializing in architecting Agentic Platforms and secure GenAI/RAG systems for regulated environments (FinTech, HealthTech). Expert in MLOps (W&B, CI/CD) and deploying solutions that drive ROI and up to 95% efficiency gains

EDUCATION

IE SCHOOL OF SCIENCE AND TECHNOLOGY

MADRID, SPAIN

Masters in Computer Science and Business Technology

SEP 2024 - JUL 2025

- Leadership: Class Representative, Community Engagement Rep, Tech & Innovation Club Events Officer (2025)
- Modules: Generative AI, NLP, Deep Learning, MLOps, Machine Learning & Artificial Intelligence, Cloud Foundations

UNIVERSITY OF BRISTOL

BRISTOL, UNITED KINGDOM

Bachelor of Science, Management

SEP 2017 - JUL 2020

- Modules: Project Management, Consultancy Project, The Digital Economy, Strategic Finance

SKILLS

AI/ML Methods & Algorithms: RAG · Bayesian Hyperparameter Optimization · Semantic Vector Search · NLP/Embeddings · Random Forest · Gradient Boosting · TensorFlow · PyTorch · HuggingFace · SQL · scikit-learn

Generative AI & LLM Engineering: Prompt Engineering (Structured JSON Schema), Gemini (Synthesis), GPT-4 (Azure OpenAI)

MLOps, Cloud & Architecture: Docker · CI/CD (GitHub Actions) · W&B · MLflow · Hydra · GCP (Cloud Run) · Azure (AI Search)

Tools, Languages & Data: Python · FastAPI · React/TypeScript · SQL · Pinecone · Redis · PostgreSQL (Supabase) · LangChain

MAJOR PROJECTS

Corporate Project – BHSI Risk Classification System (*Berkshire Hathaway Specialty Insurance*)

APR 2025 – JUL 2025

- Transformed D&O risk assessment by architecting a Multi-Agent Orchestration Platform coordinating 11+ specialized agents, reducing manual review time from 4-6 hours to under 2 minutes (95% efficiency gain)
- Engineered a Streamlined Search Orchestrator running 11 data agents in parallel (Yahoo Finance, 8 Spanish RSS feeds), feeding an Optimized Hybrid Classifier (rule + LLM/RAG) for risk scoring
- Implemented a resilient 3-stage classification fallback logic and advanced Prompt Engineering to enforce a structured JSON schema output for regulatory evidence, ensuring high factual consistency

Generative AI – Discharge Summary Copilot

APR 2025 – JUN 2025

- Built a GPT-4-powered Generative AI Copilot to automate hospital documentation, achieving an 80% reduction in manual drafting time and a 40% projected reduction in claim denials
- Engineered a secure Retrieval-Augmented Generation (RAG) pipeline using Azure AI Search and a Human-in-the-Loop system to ensure HIPAA/GDPR compliance and minimize LLM hallucinations
- Developed a full-stack prototype (React + Flask) with an evaluation harness tracking ROUGE-L and CPT/ICD coding match rates on 10,000 synthetic patient records

Capstone Project – Cloud Migration & Cost Analysis Tool

JAN 2025 – MAR 2025

- Engineered a 6-service Full-Stack AI Platform (FastAPI, React/TS, Pinecone) for cloud migration guidance, reducing manual planning effort by 40% and accelerating SME cloud adoption
- Developed a hybrid prediction system using three distinct ML models (RandomForestRegressor/Classifier, GradientBoostingClassifier) to forecast cloud costs (20% MAPE) and predict risk (91.25% accuracy)
- Built a 4-category recommendation engine using LangChain and 384-dim MiniLM embeddings, enabling semantic vector retrieval for context-aware compliance and strategy (Rehost → Refactor)

PROFESSIONAL EXPERIENCE

UNITED UTILITIES (*WATER AND WASTEWATER SERVICES*)

WARRINGTON, UNITED KINGDOM

Innovation Intern

AUG 2022 – SEP 2022

- Standardised 27 SOP/process assets with reusable templates, improving documentation quality and onboarding efficiency

HARGREAVES LANSDOWN (*WEALTH MANAGEMENT & FINANCIAL SERVICES*)

BRISTOL, UNITED KINGDOM

Financial Advisory Intern

JUN 2022 – JUL 2022

- Streamlined advisory review workflows (ISA, SIPP, funds, shares), improving adviser efficiency and data accuracy
- Designed and presented an intern-led survey to the Executive Committee, shaping HL's employer branding strategy