Qu G

ML Engineer, 4+ years experience
Birmingham, United Kingdom
https://augmntx.com/profile/ml-engineer-qu-g/axf28237

+91 9820045154 | hr@augmntx.com

ML Engineer with hands-on experience building LLM-powered applications, including RAG systems, voice assistants, and agentic workflows. Skilled in Python, LangChain, OpenAI APIs, and deploying scalable AI solutions on cloud platforms. Strong focus on building practical, high-performance AI systems that solve real-world problems and enhance user experiences. Passionate about innovation, automation, and advancing intelligent application development.

INDUSTRIES: HealthTech

TECHNICAL SKILLS

• Python	5 years
• Generative AI	5 years
• LLM	3 years
• C ++	3 years
• Machine Learning	2 years

PROJECT DETAILS

• Voice AI Assistant for AR Learning

Project Description: Built a voice-based AI chatbot prototype for an AR/VR medical learning platform. It supports multilingual utterance classification (English and Korean) to guide students in immersive environments. Incorporated dataset augmentation using fine-tuned LLMs and deployed the system on AWS cloud infrastructure.
Responsibilities: Developed the NLP pipeline for voice intent classification Integrated third-party LLMs for response generation Evaluated LLM performance and user feedback for iterative improvement Built and deployed the full prototype on AWS
Technologies: Python, AWS, Whisper, Hugging Face Transformers
Industry: HealthTech

• LLM-Powered Triage Tool

Project Description: Led the development of a GPT-powered triage tool to assist clinicians in assessing patient severity from historical notes. Incorporated expert feedback loops to validate LLM outputs and improve clinical reliability.
Responsibilities: Built the LLM integration pipeline using LangChain Fine-tuned prompts and deployed frontend via Streamlit Coordinated with clinicians for expert-in-the-loop evaluation Implemented feedback-driven retraining and continuous validation
Technologies: Python, OpenAI, Graph
Industry: HealthTech

EMPLOYMENT HISTORY

• ML Engineer

Description: Machine Learning Engineer • Developed a personalized musculoskeletal treatment recommendation system, combining fine-tuned LLMs and graph neural networks to process patient data (e.g., referral notes, EHRs). Deployed on-premise, integrated into third-party NHS provider websites. Expert clinicians evaluated model outputs, and we incorporated user feedback loops to continuously improve relevance and accuracy. • Built an LLM-based document question answering system to help internal teams understand key legal and operational clauses in signed contracts. Used LangChain and Azure OpenAI APIs to implement a RAG pipeline, enabling semantic search, answer grounding, and summarization across a large corpus of contractual documents.

CERTIFICATION

• Level 5 in Management & Leadership by Chartered Management Institute 2023

EDUCATION

• Masters degree in Management Information System from University of Manchester 2020 - 2021

• Bachelors degree in Management Information System from Rochester Institute of Technology 2015 - 2019

• Bachelors degree in Management Information System from Beijing Jiaotong University 2015 - 2019

LANGUAGES

• English - native

END OF DOCUMENT
This PDF is automatically generated by AugmntX on 21 Nov 2026
Profile URL:https://augmntx.com/profile/ml-engineer-qu-g/axf28237