FRANKLYN OLIHA

Data Scientist | Machine Learning Engineer

Manchester, United Kingdom | British Citizen | SC Cleared
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PROFESSIONAL SUMMARY

SC-cleared Data Scientist and Machine Learning Engineer with an MSc (Distinction) and 4+ years of experience delivering production-ready ML, NLP, and automation systems across government, NGO, and commercial environments. Specialist in BERT-based NLP, predictive modelling, end-to-end ML pipelines, and dashboard deployment.

CORE TECHNICAL SKILLS

Programming: Python, SQL, T-SQL, R, Java, JavaScript, Bash
ML & AI: PyTorch, Scikit-learn, TensorFlow, BERT, NLP, LLMs, Multi-label Classification
Data & Analytics: Pandas, NumPy, Feature Engineering, Power BI
Automation & Deployment: n8n, Docker, Streamlit, Gradio, Flask, Django, Azure
Methods: CRISP-DM, Agile/Scrum, SDLC

PROFESSIONAL EXPERIENCE

Machine Learning Engineer – UK Civil Service (SC Cleared)
Delivered ML and NLP solutions supporting secure public-sector programmes. Built predictive models, automated workflows, and translated insights for non-technical stakeholders.

Machine Learning Engineer (Contract) – STOP THE TRAFFIK
Designed and trained a BERT-based multi-label NLP model detecting 15 coercion indicators (~85% F1-score). Deployed via Gradio, reducing analyst review time by 40%+.

EDUCATION

MSc Data Science & Machine Learning (Distinction) – University of Salford
BEng (Hons) Software Engineering (First Class) – University of Bolton