

Othniel Obasi

AI Strategist | ML / LLM Product Architect | NLP & Fraud Systems Expert

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Summary

AI Strategist and Technical Product Specialist with 6+ years delivering ML and LLM solutions across fintech, SaaS, and utility sectors. Proven record building fraud-detection systems, explainable-AI pipelines, and safety-hardened LLM apps. Bridges product, engineering, and research with focus on impact, clarity, and long-term scalability.

Technical Skills

- Python, FastAPI, PyTorch, scikit-learn, LSTM, Neo4j
- OpenTelemetry, Arize, SHAP, LIME, DiCE, RAG, RLHF
- Kafka, Pinecone, SQL, Docker, GCP
- MLflow, Weights & Biases, GitHub Actions
- Tableau, Power BI, Power Automate
- AI Strategy, Fraud Detection, LLM Safety, Neuro-Symbolic Reasoning, CI/CD

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Experience

AI Strategist - *Bezaleel Solutions*

2023 - Present

- Built autonomous NL-to-SQL pipeline (95 % parsing, 100 % execution) with LLM-judge (92 % clarity) + OpenTelemetry tracing.
- Designed multi-tier safety rails for SaaS support bot, blocking 85 % of 50+ red-team vectors and cutting escalations 30 %.

Technical Product Manager - ML - *Creditville MFBank*

2022 - 2023

- Shipped 3 ML services (fraud, sentiment, auto-loan) driving double-digit efficiency gains.
- Modular explainability engine (LIME, DiCE) reduced analyst triage 40 %.
- NLP insights API (Word2Vec, LDA, BERT) cut manual review 50 %.

Lead, AI & Analytics - *PHED*

2020 - 2022

- Energy-fraud model reduced undetected loss 25 %; cloud forecasting (95 % CI) sped budgeting by 2 weeks.

Senior Business Analyst & Product Owner - *PHED*

2016 - 2020

- Mapped 80+ processes (Lean), cutting incidents 30 %; co-led IoT pilots across 42 units.

Founding Technical Lead - AI/ML - *Tech Genius Solutions*

2024 - Present (PT)

- Real-time fraud system (Kafka → PyTorch → Neo4j) raised ring recall 28 %; adaptive MFA cut false positives 35 %.

LLM Training & Evaluation Specialist - *Outlier AI & Invisible Technologies*

Jan 2024 - Jan 2025

- Created 300+ RLHF prompt-completion pairs, lifting win rate 11 %; flagged 150+ bias/factuality issues.

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Selected Projects & Research

Fraud Detection via Logic Tensor Networks

- 93.1 % accuracy (5-fold CV) with logic-consistency 0.94; optimised 500-epoch CPU runs.

LexSynergy AI - Legal Decision System

- 90 % accuracy via hybrid neuro-symbolic model; SHAP/LIME explainability at statute level.

Distilled & Quantised ML Service (MNIST Full-Stack)

- 98 % accuracy < 100 ms latency; CI/CD zero-click updates via GitHub Actions.

Education & Certifications

- **M.Sc. Financial Engineering**, WorldQuant University (US)
- **M.Sc. Applied AI & Data Science (Distinction)**, Southampton Solent University (UK)
- Neo4j Certified Professional
- Applied Data Science: Scientific Computing & Python (Honors), WorldQuant University

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