Oluwatosin Temitope Akande

SOFTWARE & BACKEND ENGINEER

London, United Kingdom

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Software and backend engineer building APIs, cloud infrastructure and reliable delivery workflows. Experience spans production software, database optimisation and applied research, with a Computing master's degree awarded with Distinction.

TECHNICAL FOCUS

Languages Go, TypeScript, Node.js, Python
Backend & data REST APIs, PostgreSQL, MongoDB, Redis
Cloud & delivery AWS, Docker, Kubernetes, Terraform, GitHub Actions, ArgoCD

EXPERIENCE

Navecrest
Mar 2026 - Present

Software Engineer

Develop and maintain backend services and REST APIs. Contribute to automated delivery, cloud infrastructure and production monitoring.

Centre of Intelligence of Things
Feb 2025 - Feb 2026

Research Software Engineer

Developed Python tooling for CI/CD anomaly detection, log processing and deployment reliability research using machine learning.

Kloza
Apr 2023 - Jan 2025

Software Engineer

Built REST APIs and backend services, automated containerised deployments, and improved PostgreSQL and MongoDB queries and schemas.

Gallery of Code
Sep 2020 - Mar 2023

Software Engineer

Built and maintained transaction-processing services and REST APIs, with work on database optimisation, caching and data consistency.

SELECTED PUBLICATION

Metadata-Driven Business Email Compromise Detection Under Adversarial Evasion: Robustness Analysis and Adaptive Recovery

2026 IEEE International Conference on Omni Layer Intelligent Systems (COINS)

Evaluates metadata-based email security models under adversarial evasion and examines how adversarial retraining can recover detection performance.
Read publication on IEEE Xplore

EDUCATION & CERTIFICATIONS

Master's in Computing, Distinction - University of Greater Manchester, 2026
BSc, Metallurgical and Materials Engineering - University of Lagos, 2021

AWS Certified Solutions Architect - Associate / AWS Certified Cloud Practitioner
Kubernetes and Cloud Native Associate (KCNA)