

FEMI AKINLOTAN

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Locations: London, UK | On Site | Hybrid | Remote

PROFILE

Technologist with extensive hands-on experience in architecting and automating cloud-native infrastructure. Proficient in Kubernetes, Terraform, and CI/CD pipelines, with a strong focus on security, scalability, and high availability (99.9% uptime). Experienced in mitigating bottlenecks and applying DevOps best practices to enhance efficiency and security in complex environments.

PROJECTS

Secure API Management Platform

- Developed a secure **API** with **JWT**-based authentication and role-based access control using **Go**.
- Implemented **API** key management and rate limiting to enhance security and control.
- Used **Jaeger** for distributed tracing and **Swagger** for autogenerated **API** documentation
- Utilised **Docker** and **Kubernetes** for containerisation and orchestration, ensuring scalability.
- Integrated **OpenTelemetry**, **Prometheus** and **Grafana** for **monitoring** and **observability**.

Yelp Camp Web Application

- Implemented secure **secret management** using **Doppler**.
- Set up automated **CI/CD** pipelines with **Jenkins**, incorporating security scans using **Trivy** and **SonarQube** to maintain code quality and security.
- Utilised **GitOps** practices for deployment with **Helm** and **ArgoCD**, streamlining the release process and ensuring consistent application delivery.

E-Commerce Microservices

- Scalable e-commerce platform using **Spring Boot** and Spring Cloud for modular, maintainable services.
- Used **Apache Kafka** to enable fast, decoupled communication between microservices.
- Integrated **Zipkin** for tracing requests across services to identify and resolve latency issues.
- Configured **Keycloak** and **OAuth 2.0** for secure authentication and role-based access control.

| SKILLS / PLATFORMS | CERTIFICATIONS |
|---|--|
| <ul style="list-style-type: none">• Technology: Docker, Kubernetes, OpenShift, Helm• Secrets & Security: Vault, Doppler, AWS KMS, Trivy, Synk, SonarQube• Discovery/Mesh: Nginx, Traefik, Istio, LinkerD• IaC: Terraform, Ansible• Cloud Platforms: AWS (EC2, RDS, EKS, ECR, S3, IAM, KMS, Route 53, Lambda), Azure• Languages: Python, Bash, Go, Java• Pipelines: Jenkins, TeamCity, ArgoCD, GitHub Actions• Monitoring: Prometheus, Grafana, New Relic, Datadog• Others: Cast AI, Kubecost, Ceph, Longhorn, Git | <ul style="list-style-type: none">• <u>AWS Certified Cloud Practitioner</u>• <u>AWS Certified Solutions Architect – Associate</u>• <u>HashiCorp Certified: Terraform Associate (003)</u>• <u>ISC2: Certified in Cybersecurity (CC)</u>• <u>CKA: Certified Kubernetes Administrator</u> |

EXPERIENCE

GENIUS, APPLE | LONDON - MAY 2022 - PRESENT

- Orchestrated interactive training sessions that emphasised soft skills and technical knowledge, resulting in a 30% increase in client satisfaction rates and elevated team morale in internal surveys.
- Demonstrated strong troubleshooting skills and root cause analysis by diagnosing complex technical issues, streamlining resolution processes, and minimising downtime, contributing to enhanced system reliability and client satisfaction.

FIELD DESIGN ENGINEER (CE), APPLE | LONDON - JUNE 2024 - NOVEMBER 2024

- Executed thorough validation of products' functionalities, including Apple Pay, UltraWideband (UWB), GNSS, and Wi-Fi technology to enhance reliability and user satisfaction, contributing to a 15% reduction in reported issues.
- Executed the integration of a Denso robot to automate critical testing for Apple Pay and Tap2Pay. This initiative improved team productivity by saving over 30 hours of manual work each week.

BLOCKCHAIN CONSULTANT, 88CRYPTO | LAGOS - AUG 2019 - MAY 2022

- Achieved significant milestones, including a 15% cost reduction through blockchain integration and a 20% boost in transaction speed and accuracy.
- Noted for pinpointing and resolving critical issues, resulting in a 25% drop in transaction disputes and a 15% enhancement in data integrity and security.

CRYPTOCURRENCY TRADER, BINANCE | LAGOS - JAN 2017 - OCT 2021

- Initiated a risk assessment framework for asset management that identified and mitigated potential losses, resulting in a 20% decrease in risk exposure across all trading accounts over six months.

IT SPECIALIST (INTERN), DAAR COMMUNICATIONS PLC | LAGOS - MAR 2014 - SEP 2014

- Managed servers, PCs, and tech equipment, ensuring optimal operational efficiency with minimal downtime.
- Implemented Identity and Access Management (IAM) frameworks using Active Directory, securing data access for 200+ employees. Integrated automated reporting tools to monitor compliance, audit trails, and user access.

COMPUTER REPAIR TECHNICIAN (APPRENTICE), DELESORE NG LTD | LAGOS - NOV 2010 - DEC 2013

- Investigated and resolved an average of 60 technical issues per week, resulting in a decrease in recurring problems and improved overall product reliability.

EDUCATION

UNIVERSITY OF WESTMINSTER | LONDON - MSC FINANCIAL TECHNOLOGY WITH BUSINESS ANALYTICS, 2023

- Developed functional python code for regularisation, enabling the identification of optimal ML solutions using gradient descent techniques, specifically tailored to address a financial problem.
- Implemented a practical example of a Long-Short Term Memory (LSTM) model for stock price prediction, highlighting the application of LSTM in financial forecasting.

FOUNTAIN UNIVERSITY | NIGERIA - BSC COMPUTER SCIENCE, 2015

- Studied Python, Java and C modules, developing proficiency in both languages for software development, automation and data manipulation tasks.