

FEMI AKINLOTAN

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

SUMMARY

Technologist with extensive experience architecting and automating cloud-native infrastructures, accelerating developer productivity through self-service platforms. Skilled in Kubernetes, IaC, and CI/CD pipelines, with a proven track record of delivering secure, scalable, and highly available solutions. Excels at applying DevSecOps best practices to enhance efficiency and resilience in complex environments.

CORE COMPETENCIES

- Design and automate scalable, secure cloud infrastructures using AWS, Kubernetes, and Terraform.
- Identify and resolve critical software, hardware, and performance issues to optimise system reliability.
- Demonstrate strategic thinking by prioritising high-impact projects to drive efficiency and innovation.
- Communicate complex technical concepts effectively to stakeholders, influencing key decisions.

EXPERIENCE

CLOUD INFRASTRUCTURE LEAD, WANEXX | LONDON - FEB 2024 - PRESENT

- Architected and deployed a highly scalable, secure, and resilient AWS cloud infrastructure, supporting the WaNexx iOS application and ensuring 99.99% uptime.
- Optimised AWS S3 storage and integrated CloudFront CDN, reducing content delivery latency by up to 65% and enhancing global user experience.
- Strengthened cloud security by implementing IAM role-based access control, data encryption, and advanced network security policies, ensuring compliance with industry standards such as ISO 27001.

GENIUS, APPLE | LONDON - MAY 2022 - PRESENT

- Deliver expert technical support across the Apple ecosystem, diagnosing and resolving complex hardware and software issues, including device rebuilds and component-level repairs. Achieved 100% completion of same-unit repairs in the past year.
- Improved stakeholder experience by implementing workflow optimisations and automation, reducing service resolution times and enhancing device reliability.
- Mentor and train team members in Apple's diagnostic tools, repair methodologies, and stakeholder engagement best practices, contributing to a reduction in service turnaround time by 71%, from 7 days to just 2 days

FIELD DESIGN ENGINEER, APPLE | LONDON - APR 2024 - NOV 2024

- Conducted in-depth validation of key product functionalities, including Apple Pay, Ultra-Wideband (UWB), GNSS, and Wi-Fi, ensuring enhanced reliability and a 15% reduction in reported issues.
- Automated critical testing for Apple Pay and Tap to Pay by integrating a Denso robotic system, eliminating hundreds of hours of manual testing weekly and significantly improving team efficiency.

SYSTEM ADMINISTRATOR, DAAR COMMUNICATIONS PLC | LAGOS - FEB 2015 - AUG 2021

- Led the successful migration from analogue to digital radio transmission, ensuring seamless broadcasting, enhanced audio quality, and expanded audience reach across multiple regions.
- Automated critical administrative tasks using Bash, Python, and Ansible, reducing manual effort and accelerating system deployments and maintenance workflows.
- Designed and implemented a comprehensive disaster recovery plan, including automated backups, failover testing, and redundancy strategies, minimising potential downtime risks and ensuring business continuity.

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

- Assisted in managing and troubleshooting servers, PCs, and networking equipment, ensuring minimal downtime and optimal performance.

- Provided hands-on IT support, diagnosing hardware and software issues and resolving them in a timely manner.

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

- Diagnosed and repaired a wide range of hardware and software issues, enhancing device performance and extending product lifespan through efficient troubleshooting and precision repairs.

VOLUNTEER EXPERIENCE

AWS MENTOR, E-CAREERS (PART-TIME) | LONDON - JUNE 2023 - OCT 2023

- Facilitated and mentored learners, delivering hands-on sessions on core AWS services (compute, storage, networking) and guiding them to design and deploy scalable, secure AWS solutions.
- Provided coaching and certification support, including AWS project evaluations, and exam preparation to enhance employability and technical proficiency.
- Collaborated with teams to enhance program delivery, sharing best practices while staying updated on AWS technologies and industry trends through continuous learning.

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, Crossplane, Ansible • Cloud Platforms: AWS (EC2, RDS, EKS, ECR, S3, IAM, Route 53, Lambda), Azure, GCP, IBM Cloud • Languages: Python, Bash, Go, Java • Pipelines: Jenkins, TeamCity, ArgoCD, GitHub Actions, GitLab CI • Monitoring: OpenTelemetry, Prometheus, Grafana, Loki New Relic, Datadog, ELK Stack • 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>

EDUCATION

UNIVERSITY OF WESTMINSTER | LONDON - MSC FINANCIAL TECHNOLOGY WITH BUSINESS ANALYTICS, 2022 - 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.

HOBBY

- Tennis: Applied mental resilience techniques to improve focus and composure during critical match points, resulting in fewer unforced errors in high-pressure situations.

REFERENCES:

Available upon request