FEMI AKINLOTAN

07447440007 | akinlotanoluwafemi88@gmail.com | LinkedIn
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 applying DevOps best practices to enhance efficiency and security in complex environments.

PROJECTS

- Designed and implemented a scalable Amazon EKS infrastructure with Terraform, reducing infrastructure setup time by 40%, while implementing Kubernetes to orchestrate 15+ microservices, ensuring high availability, seamless scalability, and minimising downtime during updates and releases.

- Designed and automated a deployment pipeline using Jenkins for CI and ArgoCD for CD, streamlining the build, test, and deployment processes. reducing deployment time, and achieving a consistent workflow.

- Integrated Trivy and SonarQube into the CI/CD pipeline to automate security assessments and code quality checks, reducing security incidents and increasing developer confidence in secure releases.

- Deployed over 15 containerised applications on Kubernetes, integrated comprehensive monitoring with Prometheus, and configured Alertmanager for rapid issue resolution; maintained system reliability that achieved 99.9% uptime across all services.

- Managed TCP/IP, DNS, and HTTP protocols with NGINX load balancing to optimise network performance and ensure high availability across cloud services, reducing latency and improving fault tolerance.

SKILLS / PLATFORMS	CERTIFICATIONS
- Technology: Docker, Kubernetes, OpenShift, Helm - Security: Vault, Trivy, SonarQube, Snyk - Service Discovery: Traefik, Consul - IaC: Terraform, Ansible - Cloud Platforms: AWS (EC2, RDS, EKS, ECR, S3, IAM, KMS, Route 53, Lambda), Azure - Languages: Python, Bash, Go, HCL, Java - Pipelines: Jenkins, ArgoCD, GitHub Actions - Monitoring: Prometheus, Grafana, New Relic - Costing: Cast AI, Kubecost, Cost Explorer	- AWS Certified Cloud Practitioner - AWS Certified Solutions Architect - Associate - HashiCorp Certified: Terraform Associate (003) - ISC2: Certified in Cybersecurity (CC) - CKA: Certified Kubernetes Administrator

EXPERIENCE

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

- 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.

GENIUS, APPLE | LONDON - MAY 2022 - JUNE 2024

- 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.

- Collaborated with a team of technicians to optimise troubleshooting, documentation and repair processes, leading to a remarkable 20% improvement in turnaround time and more efficient system operations.

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

- Developed 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 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.