

Olaitan Falolu

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SUMMARY

Head of DevOps with over 7 years of experience leading platform engineering and cloud infrastructure for large-scale financial systems. I design and operate production platforms supporting millions of users and high transaction volumes, with a focus on reliability, scalability, and cost efficiency.

I have led DevOps and Site Reliability Engineering functions within regulated banking environments, driving platform standardisation, improving system resilience, and platform engineering decisions with business growth, system reliability, and cost efficiency.

KEY ACHIEVEMENTS

- Led DevOps and platform engineering for a digital banking system supporting 2M+ users and ~590,000 daily transactions (~₦80B value)
- Delivered 20–30% reduction in cloud infrastructure costs through optimisation and governance
- Improved deployment efficiency by 50% through CI/CD automation and release standardisation
- Designed and operated high-availability systems maintaining ~98% uptime and handling peak loads of ~10,000 requests per second

WORK EXPERIENCE

WemaBank PLC

Head DevOps

Feb 2023 - Present

- Lead DevOps and Site Reliability Engineering for ALAT digital banking platform supporting 2M+ users and ~590k daily transactions (~₦80B value)
- Defined platform engineering strategy covering reliability, scalability, and cloud governance across production systems
- Implemented CI/CD standardisation and automation, reducing deployment time by 50% and improving release consistency across teams
- Introduced structured cost governance including reserved instances, resource tagging, and rightsizing, resulting in 20–30% reduction in infrastructure spend
- Established release governance and platform standards across multiple engineering teams
- Drove observability and incident response improvements, reducing MTTR and improving system resilience

Polaris Bank PLC

Lead DevOps Engineer

Nov 2021 - Feb 2023

- Led DevOps function for digital banking platform migration to Azure cloud infrastructure
- Designed hybrid architecture using Azure API Management and App Service and multi-region Azure environments
- Reduced compliance risks by ~50% through improved CI/CD and security integration
- Implemented GitOps workflows (FluxCD) to standardise deployment processes
- Led migration of production banking workloads to Azure, improving system scalability and operational reliability

Global Performance Index

DevOps Engineer / Linux System Administrator

Oct 2020 - Nov 2021

- Designed and managed infrastructure for enterprise applications and internal systems
- Configured servers, networks, and firewalls to support production environments
- Led infrastructure planning, risk assessment, and system optimisation initiatives
- Supported both internal and customer-facing systems with high availability requirements

Tek Expert

Azure Support Engineer (Tech Lead)

Lagos, Nigeria

May 2019 - Oct 2020

- Provided Azure infrastructure support across multi-region enterprise environments
- Resolved production issues across Azure, IIS, and SQL systems impacting live applications
- Guided engineering teams on troubleshooting and improving system reliability
- Improved service availability through proactive monitoring and issue resolution

Artee Group

Frontend Developer/System Administrator

May 2018 - Oct 2019

- Developed internal tools and web applications to improve operational workflows
- Managed infrastructure on AWS and internal network systems
- Automated system tasks and improved performance through scripting
- Administered Active Directory and enterprise systems
- Managed applications on AWS and collaborated on network policy configuration using Sophos XG, ensuring secure and efficient system operations.

EDUCATION

Pan African Institute

Apr 2018

Graduate Training in Information Technology, Information Technology

Federal University of Agriculture Abeokuta

Dec 2016

Bachelor of Science, Plant Breeding and Seed Technology

CERTIFICATIONS

Microsoft Certified: Azure DevOps Engineer Expert

Certified Cloud Native Platform Engineering Associate

Microsoft Certified Trainer (MCT)

Linux Certified System Administrator

SKILLS

- Cloud & Infrastructure: Azure, Kubernetes, Terraform, AKS
- Observability & Monitoring: Grafana, Azure Monitor, Dynatrace
- CI/CD & Automation: Azure DevOps, GitHub Actions, GitLab CI
- Languages: Python, Bash, PowerShell

PUBLICATIONS

- Building an Enterprise-Ready AKS Cluster: Architecture, Networking and Security Baselines — CloudNativeNow
- How to Deploy AI Model Endpoints in Azure Machine Learning Studio — Dev.to

COMMUNITY & LEADERSHIP

- Microsoft Certified Trainer (MCT)
- Mentored engineers in DevOps, cloud infrastructure, and platform engineering
- Contributed to knowledge sharing through technical publications and training