

ADEDIRAN EUNICE ADEBUKOLA

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PROFESSIONAL SUMMARY

DevOps / Platform Engineer with ~4 years of experience owning cloud-native infrastructure and reliability for fintech and high-availability systems. Proven track record designing and operating Kubernetes-based platforms, GitOps workflows (ArgoCD), CI/CD automation, and Infrastructure as Code (Terraform) across AWS, Azure, and GCP. Strong focus on platform reliability, observability, security, cost optimization, and enabling engineering teams through scalable DevOps and SRE practices. Experienced in incident response, on-call operations, and operating production systems in regulated environments.

PROFESSIONAL EXPERIENCE

DevOps Engineer

HYDROGENPAY, Nigeria

Nov 2024 - present

- Own and operate production cloud infrastructure supporting core fintech operations, ensuring high availability, security, and operational stability across critical services.
- Design, implement, and maintain CI/CD pipelines using Azure DevOps to enable reliable, repeatable deployments across multiple environments.
- Architect and manage containerized workloads using Docker and Kubernetes (AKS), improving deployment consistency and reducing environment-related incidents.
- Provision and manage cloud infrastructure using Terraform, including Azure Application Gateway, networking, and Kubernetes resources, increasing infrastructure automation coverage to over 80%.
- Played a key role in the organization-wide cloud tenant migration, collaborating across teams to migrate production and non-production workloads with minimal downtime.
- Manage and operate a broad set of Azure services including AKS, Service Bus, Key Vault, Application Gateway, ACR, App Services, Virtual Machines, Virtual Networks, Load Balancers, and Storage Accounts.
- Implement centralized logging and monitoring solutions to improve observability, reduce mean time to recovery (MTTR), and support proactive incident detection.
- Manage secure application configuration and secrets using Azure Key Vault and application-level configuration management, ensuring proper access controls and secret rotation.
- Support Kafka-based event-driven systems by managing topics and integrations with Azure Service Bus for reliable message processing.

- Collaborate closely with engineering, settlement, and operations teams to resolve production incidents, support on-call operations, and maintain system reliability.

Platform Engineer(Consultant)

Finca, United States

May 2025 - Nov 2025

- Owned and managed cloud infrastructure across multiple AWS accounts using AWS Organizations, enforcing governance, security boundaries, and scalable account structures.
- Designed and implemented secure, production-grade AWS infrastructure using Terraform, enabling consistent and compliant deployments across environments.
- Led platform security initiatives including IAM hardening, Kafka encryption, and centralized secrets management using HashiCorp Vault.
- Designed and implemented controlled **break-glass access mechanisms** to enable secure emergency access to production systems while maintaining auditability and compliance.
- Integrated CI/CD pipelines with cloud and Kubernetes platforms to streamline deployment workflows and improve release reliability.
- Collaborated closely with application and data teams to design platform capabilities that supported event-driven and distributed system architectures.
- Supported reliability and operational excellence by improving deployment processes, access controls, and infrastructure visibility across the platform.

DevOps/SRE

IMALIPAY, Nigeria

Aug 2023 - Oct 2024

- Designed and maintained CI/CD pipelines for Java and React applications using GitHub Actions, reducing deployment time by approximately 30% and improving release reliability.
- Managed and operated GCP infrastructure using Terraform, deploying containerized workloads to Kubernetes (GKE) with Helm to support scalable, resilient production systems.
- Implemented centralized observability across production systems using Prometheus, Grafana, and Loki, enabling proactive alerting and achieving 99.9% SLA compliance.
- Built and maintained logging pipelines with automated retention policies, reducing log storage costs while improving operational visibility.
- Implemented real-time uptime monitoring and alerting to ensure consistent service availability and rapid incident detection.
- Integrated automated testing (Cypress), static code analysis (SonarQube), and vulnerability scanning into CI pipelines, improving release quality and security posture.
- Supported rolling and zero-downtime Kubernetes deployments, minimizing service disruption during releases.

- Participated in incident response and operational troubleshooting, improving mean time to detection (MTTD) and mean time to recovery (MTTR).
- Optimized Git workflows and repository structures, reducing code retrieval time and accelerating developer collaboration.

Quality-Assurance Engineer

YolatFinance, Nigeria

Feb 2021 - Aug 2023

- Conducted comprehensive manual and API testing to ensure functionality, reliability, and data integrity across financial applications.
- Executed API testing using Postman, validating service behavior and improving backend reliability.
- Developed automated test scripts using Cypress, increasing regression test coverage and improving release confidence.
- Collaborated closely with engineering and DevOps teams to identify defects early, reducing production issues and improving release quality.
- Tracked defects, test cases, and release readiness using Jira and Zephyr Scale, improving delivery predictability.

TECHNICAL SKILLS

Cloud & Infrastructure Platforms

- Public Clouds: AWS, Azure, Google Cloud Platform (GCP), DigitalOcean
- Infrastructure as Code (IaC): Terraform, Pulumi, CloudFormation, database administration
- Configuration Management: Ansible

Containerization & Orchestration

- Containers: Docker, Kubernetes

CI/CD & Automation

- CI/CD Tools: GitHub Actions, Jenkins, Azure DevOps argocd
- Scripting & Automation: Bash/Shell, Python

Monitoring, Logging & Observability

- Monitoring: Prometheus, Grafana, Uptime
- Logging: Loki
- Alerting & SLO Management: Integrated via Grafana stack

Security & Identity Management

- Security Tools: Wazuh, networking
- Identity & Access Management: Keycloak

Quality Assurance & Testing

- Testing Frameworks: Cypress
- Static Code Analysis: SonarQube
- Issue Tracking: Jira

CERTIFICATIONS

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

EDUCATION

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| ● Ojaja University | Bachelor of Science in Computer Science (2023) |
| ● Malhub Relearn | DevOps Engineering Nanodegree (2023) |