EJIOGU DONALD SOMADINA

DEVOPS ENGINEER | CLOUD INFRASTRUCTURE

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linkedin , github, portfilio

(Open to remote roles and international relocation)

PROFESSIONAL SUMMARY

DevOps Engineer with 3+ years of experience building, securing, and operating production-grade CI/CD pipelines, cloud infrastructure, and automated systems within regulated financial environments and tier-1 banks across West and Central Africa and Europe. Expert in high-availability infrastructure automation, cost optimization, and comprehensive observability. Proven track record of eliminating configuration drift and managing seamless deployments under strict change management protocols. AWS Certified Solutions Architect - Associate and Nasdaq Calypso Certified Technical Associate (V18).

SKILLS

- **Cloud Platforms:** AWS (ECS, EKS, Fargate, EC2, ECR, VPC, ALB, Route 53, CloudWatch, CodePipeline, CodeBuild, CodeDeploy, SNS, IAM, RDS, S3), FinOps, Cost Optimization
- **Infrastructure as Code:** Terraform, AWS CloudFormation, Ansible, GitOps
- **Containers & CI/CD:** Docker, Docker Compose, GitHub Actions, Jenkins, AWS CodePipeline
- **Observability & Reliability:** Observability, CloudWatch, Prometheus, Grafana, SNS, SLO/SLI compliance
- **Scripting & Programming:** Java, Python, Bash, SQL
- **Financial Compliance:** Treasury & Capital Markets Platforms, FX/IRD Trade Lifecycle, STP Workflows, Kafka, FIX Protocol, Regulatory Reporting, Financial Compliance
- **Databases & OS:** Oracle 19c, PostgreSQL, MySQL, MongoDB, Linux (RHEL 8/9, Ubuntu), Windows

WORK EXPERIENCE

SEAICO TECHNOLOGIES LIMITED | **DevOps Engineer**

January 2023 – Present

Financial technology company delivering treasury and capital markets platforms to tier-1 banks across Africa and Europe.

- **Infrastructure Automation:** Own and manage secure cloud infrastructure on AWS, provisioned with modular Terraform IaC and configured via Ansible, ensuring cost optimization across regulated financial environments.
- **CI/CD & GitOps:** Build and maintain scalable CI/CD pipelines across multiple deployment environments using Jenkins, GitHub Actions, AWS CodePipeline, CodeBuild, CodeDeploy, and ECS.
- **Observability & SLOs:** Operate end-to-end observability across containerized workloads using CloudWatch, Prometheus, and Grafana to monitor system health and guarantee strict SLO/SLI compliance.
- **High-Availability Architecture:** Architect and deploy high-availability AWS environments utilizing ECS Fargate, EKS, ALB, Route 53, and multi-AZ RDS to meet stringent banking-grade uptime and compliance requirements.
- **Access Control & Security:** Implement robust RBAC policies and IAM configurations to secure banking infrastructure and enforce least-privilege access across all deployment tiers.

- **Global Release Management:** Lead environment deployments and platform upgrades for banking clients across Nigeria, Ghana, Botswana, Cameroon, and England; managing data migrations and go-live support under strict change management protocols.
- **Incident Resolution:** Resolve complex production incidents involving TCP mismatches, JMS queue faults, SSL certificate errors, and database schema inconsistencies to maintain high availability.
- **Software Engineering:** Develop Java-based automation modules for regulatory reporting, FX trade workflows, and back-office reconciliation across core client implementations.
- **System Integration:** Engineer system integrations between treasury platforms and external financial networks via Kafka, FIX protocol, and microservices APIs.

Key Achievements:

- **Pipeline Efficiency:** Cut deployment time by 50% and reduced manual effort by 90% by building fully automated CI/CD pipelines, removing all manual steps from the release lifecycle.
- **Incident Response:** Reduced MTTR by 30% by rolling out comprehensive, end-to-end observability with CloudWatch, Prometheus, and Grafana across all containerized workloads.
- **Configuration Compliance:** Eliminated configuration drift across all client environments by automating server provisioning with Ansible and enforcing modular, audit-ready Terraform IaC.
- **Performance Optimization:** Reduced batch processing time by 60% by refactoring system architecture to remove processing bottlenecks across multiple client environments.
- **Risk Mitigation:** Cut manual trade adjustments by up to 70% by delivering Java automation modules for regulatory reporting, FX workflows, and back-office reconciliation.

ENGINEERING PROJECTS

Terraform ECS Observability Stack | *github.com/Summer-Dinner*

- Provisioned 24 AWS resources across 8 custom Terraform modules (VPC, ECS, ALB, RDS, CloudWatch, SNS), achieving production-grade IaC with zero configuration drift and full environment reproducibility.
- Executed 3 controlled failure scenarios (application errors, container health check failures, CPU stress) to confirm ALB traffic isolation, ECS self-healing, and sub-60s SNS alerting end-to-end.

ECS Deployment Failure & Automated Rollback | *github.com/Summer-Dinner*

- Injected a runtime HTTP 500 fault into an active ECS deployment to validate a 3-attempt retry logic, triggering automatic rollback to a healthy revision with zero user impact and full CloudWatch traceability.

ECS Blue/Green Zero-Downtime Deployments | *github.com/Summer-Dinner*

- Built a native Blue/Green deployment framework utilizing a dual-listener ALB (Port 80/8080), injecting a Green-environment fault to confirm that CloudWatch alarms successfully halted the traffic shift before production exposure.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (2025)
- Nasdaq Calypso Certified Technical Associate – V18 (2025)
- Oracle Cloud Infrastructure Certified Foundations Associate (2023)

EDUCATION

Bells University of Technology | B.Eng. Computer Engineering | Ota, Nigeria | Graduation: July 2022