

EJIOGU DONALD SOMADINA

DEVOPS ENGINEER | CLOUD INFRASTRUCTURE

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PROFESSIONAL SUMMARY

DevOps Engineer with 3+ years building and operating CI/CD pipelines, cloud infrastructure, and automated systems for tier-1 banks across West and Central Africa and Europe. Focused on deployment reliability, infrastructure automation, and observability in regulated financial environments. AWS Certified Solutions Architect – Associate and Nasdaq Calypso Certified Technical Associate (V18).

SKILLS

Cloud Platforms: AWS (ECS Fargate, EC2, ECR, VPC, ALB, Route 53, CloudWatch, CodePipeline, CodeBuild, CodeDeploy, SNS, IAM, RDS, S3)

Infrastructure as Code: Terraform · AWS CloudFormation · Ansible

Containers & CI/CD: Docker · Docker Compose · GitHub Actions · Jenkins · AWS CodePipeline

Observability: CloudWatch · Prometheus · Grafana · SNS

Scripting & Programming: Java · Python · Bash · SQL

Financial Systems: Treasury & Capital Markets Platforms · FX/IRD Trade Lifecycle · STP Workflows · Kafka · FIX Protocol · Regulatory Reporting

Databases: Oracle 19c · PostgreSQL · MySQL · MongoDB

Operating Systems: Linux (RHEL 8/9, Ubuntu) · Windows

WORK EXPERIENCE

SEAICO TECHNOLOGIES LIMITED | *Technical Analyst / DevOps Engineer*

January 2023 – Present

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

Key Responsibilities:

- Own and manage cloud infrastructure on AWS, provisioned with Terraform and configured via Ansible, supporting financial systems used by major African and European banks.
- Build and maintain CI/CD pipelines across multiple environments using Jenkins, GitHub Actions, AWS CodePipeline, CodeBuild, CodeDeploy, and ECS.
- Operate end-to-end observability across containerised workloads using CloudWatch, Prometheus, and Grafana, monitoring SLA compliance and detecting incidents proactively.
- Architect and deploy high-availability AWS environments using ECS Fargate, ALB, Route 53, and multi-AZ RDS to meet banking-grade uptime requirements.
- Lead environment deployments and platform upgrades for banking clients across Nigeria, Ghana, Botswana, Cameroon, and England, managing data migrations, compliance documentation and go-live support under strict change management protocols.
- Resolve complex production incidents across TCP mismatches, JMS queue faults, SSL certificate errors, and schema inconsistencies in regulated financial environments.
- Develop Java-based automation modules for regulatory reporting, FX trade workflows, and back-office reconciliation across client implementations.
- Engineer system integrations between treasury platforms and external financial systems via Kafka, FIX protocol, and microservices APIs.

Achievements:

- **Cut deployment time by 50%** and manual effort by 90% by building fully automated CI/CD pipelines with Jenkins, GitHub Actions, and AWS CodePipeline thereby removing all manual steps from the release process.
- **Reduced MTTR by 30%** by rolling out end-to-end observability with CloudWatch, Prometheus, and Grafana across all containerised workloads, giving teams the visibility to detect and fix issues faster.
- **Eliminated configuration drift across all client environments** by automating server provisioning with Ansible and enforcing modular, audit-ready Terraform IaC across every AWS deployment.

- **Reduced batch processing time by 60%** by refactoring system architecture to remove processing bottlenecks across multiple client environments.
- **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

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

ECS Deployment Failure & Automated Rollback

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

ECS Blue/Green Zero-Downtime Deployments

- Built a Blue/Green framework with CodeDeploy and dual-listener ALB (Port 80/8080), injected a Green-environment fault and confirmed CloudWatch alarm halted the traffic shift before any 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 | July 2022