

# DANIEL OGOR-IGBOSUAH

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## PROFESSIONAL SUMMARY

AWS Cloud / DevOps Engineer with 7+ years of hands-on experience designing, automating, and operating cloud infrastructure. Proven track record building CI/CD pipelines, infrastructure as code, containerized deployments (Docker, Kubernetes, ECS/Fargate), and improving reliability in cloud infrastructure and deployment processes. Strong background in software development using Java and Python.

## KEY ATTRIBUTES

Leadership | Teamwork | Communication | Adaptability | Agility | Accountability | Business Acumen

## TECHNICAL SKILLS

*Programming:* Java, Python, Bash scripting, Shell scripting, YAML  
*Cloud Technologies:* AWS (CloudFormation, SSM, CloudWatch, CloudTrail, ECR, RDS, ECS (Fargate))  
*Version Control:* GitHub, Bitbucket, Gitlab  
*Automation & CI/CD:* Jenkins, Groovy, GitHub Actions, Code Pipeline  
*Containerization:* Docker, Kubernetes  
*Configuration Management:* Ansible | *Database:* MS SQL, PostgreSQL | *GitOps:* Argo CD | *Observability Tools:* Datadog

## PROFESSIONAL EXPERIENCE

Firmex Incorporated, Toronto, Canada

2024 – 2025

### *DevOps Engineer*

- Owned and scaled AWS infrastructure across multiple accounts using CloudFormation and AWS Systems Manager; enforced guardrails, encryption, and retention via CloudFormation hooks (Lambda) to meet compliance requirements.
- Hardened security posture: enforced IMDSv2 across EC2 instances using SSM automation to eliminate metadata exposure risks.
- Maintained secure access controls by designing and managing granular IAM policies for SAML-federated roles and Service Control Policies across our AWS Organization using Ansible.
- Automated endpoint compliance using AWS Config + Lambda workflows integrated with PagerDuty to remediate VPC endpoint misconfigurations.
- Built and maintained CI/CD pipelines using Jenkins, GitHub Actions, and Code Pipeline to support frequent, low-risk deployments.
- Improved observability: built Datadog dashboards and CloudWatch alerts to track latency, error rates and saturation, reducing MTTR by 35%.
- Managed container registries and deployments (ECR, Docker Hub, Kubernetes, Helm); used Argo CD for GitOps reconciliation of cluster state.
- Automated non-AWS TLS certificate renewals using Let's Encrypt + Route 53 and Jenkins, achieving zero-downtime rotations.
- Wrote Python, PowerShell and Bash scripts to scan CloudFormation stacks, KMS keys and S3 buckets to identify and safely decommission idle resources to realize monthly cost savings.
- Provided Linux server administration/troubleshooting for deployed cloud applications, improving uptime.
- Participated in on-call rotations and automated incident response playbooks with PagerDuty to minimize downtime.
- Fostered a culture of quality through peer-to-peer DevOps reviews and pair programming, accelerating issue resolution and elevating code standards.
- Kept agile momentum by leading technical spike investigations, writing up findings, and logging actionable JIRA tickets.

- Accelerated onboarding and reduced escalations by authoring Confluence pages with clear system diagrams, runbooks, and operational procedures for product's microservices.

Information Technology Solutions and Services, Switzerland

2021 – 2023

### **DevOps Engineer**

- Built and maintained CI/CD pipeline jobs using Groovy/Shell and automated deployments across Jenkins, ECR and Kubernetes enhancing deployment reliability.
- Utilized CloudFormation to create and manage AWS resources, including EKS Clusters and remote state storage in S3 buckets, improving integrity, infrastructure reusability and reducing setup times.
- Automated operational tasks (Python) for EC2 backups, cleanups and monitoring, raising operational efficiency by 15%.
- Collected and analyzed logs (CloudWatch, stack traces) for root cause analysis; used logging data and Athena to drive remediation.
- Participated in on-call rotations for system failures, automating incident responses using PagerDuty, ensuring prompt response to incidents and minimized downtimes.
- Perform Linux troubleshooting, collecting logs and stack traces to resolve issues.
- Participated in DevOps design planning and best practice discussions to improve application uptime.

### **OTHER RELEVANT EXPERIENCE**

Inlaks Limited, Nigeria – **Software Engineer**

2018 – 2021

Technologies used: Java, Docker and Python for Temenos Core Banking solution for payments business requirements and customization.

## **EDUCATION**

**Master of Engineering (M.Eng.)**, Electrical and Computer Engineering. | University of Ottawa, Canada

**Bachelor of Engineering (B.Eng.)**, Electrical and Electronics Engineering. | Landmark University, Nigeria

### **PROJECTS**

**CI/CD pipeline and monitoring:** Built CI/CD pipelines and automated webhooks using Jenkins and Gitlab for code build, test, and deployment. Integrated proactive pipeline monitoring with event notifications in Groovy scripts.

**Migration to Pan-African Payments Infrastructure:** Migrated 6 African Central banks to Azure cloud API infrastructure using automated deployments in GitHub, reducing the demand for foreign currency.

**OnCode Payment Solution** – <https://github.com/DNinjaDev07/oncodepayment>: Developed a DevOps solution for a Java payment app showcasing the CI/CD pipeline automation with Jenkins, AWS ECR as container registry, automated deployments and containerization with Docker and Kubernetes.

### **CERTIFICATIONS**

AWS Cloud Practitioner Certified | AWS Solutions Architect Associate | AWS Developer Associate  
Kubernetes and Cloud Native Associate | Certified Kubernetes Administrator (in-view)