

JECINTA ONYINYECHI UMEOHANA

Cloud DevOps Engineer

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PROFESSIONAL SUMMARY

Results-driven Cloud DevOps Engineer with 1.5+ years of intensive technical training and hands-on project experience designing and deploying scalable cloud infrastructure on AWS. Demonstrated expertise in Infrastructure as Code (IaC) using Terraform, containerization with Docker and Kubernetes, CI/CD pipeline automation, and configuration management with Ansible. Proven ability to architect secure, fault-tolerant, and cost-effective cloud solutions — including a 40% reduction in operational costs and 75% reduction in deployment time. A strong problem-solver who learns new technologies quickly and communicates effectively across collaborative, cross-functional teams. Actively expanding skills in Google Cloud Platform (GCP), Kubernetes, and pursuing AWS Certified Solutions Architect certification.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, VPC, S3, Lambda, CloudFront, DynamoDB, API Gateway, Route 53, ALB, Auto Scaling Groups, Security Groups, IAM, NAT Gateway, CloudWatch) | Google Cloud Platform (GCP) — currently learning

IaC & Config Mgmt: Terraform, Ansible, HCL, YAML, JSON, Infrastructure Automation, Version Control

Containers: Docker, Kubernetes, Docker Compose, Container Management, Nginx Load Balancing

CI/CD & GitOps: GitHub Actions, GitLab CI/CD, Jenkins, ArgoCD, Pipeline Automation, DevOps Methodologies

Scripting & OS: Bash Scripting, Shell Scripting, Linux (Ubuntu), Automation Scripts

Architecture: Serverless, Microservices, 2-Tier, High Availability, Disaster Recovery, Security Best Practices

Web & APIs: Nginx, RESTful APIs, Serverless Architecture, Static Site Hosting

Soft Skills: Cloud Architecture Design, Cost Optimization, Technical Documentation, Cross-Functional Collaboration, Continuous Learning, Agile

TECHNICAL PROJECTS & EXPERIENCE

DevOps Engineer — AWS 2-Tier Web Application Infrastructure | *Self-Directed Technical Project 2025*

- Architected and deployed a production-grade, secure, and fault-tolerant 2-tier web application infrastructure on AWS using Terraform, automating provisioning of 20+ AWS resources and ensuring repeatability and version control
- Designed custom VPC architecture with public and private subnets spanning two Availability Zones, implementing Internet Gateway and NAT Gateway for controlled internet access and enhanced security
- Configured Launch Templates and Auto Scaling Groups for web and application tiers, enabling dynamic scaling of 2–4 instances to handle load fluctuations and ensure 99.9% high availability
- Deployed public-facing Application Load Balancer (ALB) for web tier and internal ALB for application tier, distributing traffic across multiple instances and performing health checks
- Implemented security groups enforcing least-privilege access model between tiers, reducing potential attack surface and ensuring compliance with security best practices
- Automated EC2 bootstrapping using Bash userdata scripts to install and configure Nginx, reducing deployment time by 75%
- Implemented CloudWatch monitoring and logging for infrastructure health visibility, configuring alarms and dashboards for proactive performance tracking across all tiers
- Established infrastructure version control and documentation, enabling rapid environment replication and disaster recovery capabilities

Technologies: Terraform · AWS (EC2, VPC, ALB, Auto Scaling, Security Groups, IAM) · Linux (Ubuntu) · Nginx · Bash

Cloud Solutions Engineer — Serverless E-Commerce Platform | *Self-Directed Technical Project 2025*

- Designed and implemented a fully serverless e-commerce website using AWS cloud-native services, eliminating infrastructure management overhead and reducing operational costs by 40% through pay-per-use pricing

- Architected and deployed application leveraging AWS CloudFront, S3, DynamoDB, Lambda, API Gateway, and Route 53 to ensure high performance, scalability, and cost-effectiveness
- Implemented CloudFront CDN and S3 static website hosting for front-end deployment, reducing latency by 30% and improving page load times
- Developed backend RESTful APIs using Lambda functions integrated with API Gateway, enabling seamless communication between front-end and data layer
- Configured DynamoDB for NoSQL data storage, ensuring low-latency data access and automatic scaling to handle variable traffic patterns
- Utilized Route 53 for DNS management and intelligent geographic routing, enabling customers across multiple regions to access the application with minimal latency

Technologies: AWS (CloudFront, S3, DynamoDB, Lambda, API Gateway, Route 53) · Serverless Architecture · RESTful APIs

DevOps Engineer — Automated Application Deployment | *Self-Directed Technical Project* 2025

- Automated Flask/Django application deployment using Ansible playbooks and Docker Compose, ensuring zero environment drift and portable containerized scaling
- Built CI/CD pipelines using GitHub Actions, GitLab CI/CD, and Jenkins to automate software testing, building, and deployment workflows, significantly reducing manual errors and improving deployment frequency

Technologies: Ansible · Docker · Docker Compose · GitHub Actions · GitLab CI/CD · Python

Cloud Data Management & Replication | *Self-Directed Technical Project* 2025

- Engineered data pipelines using AWS CLI and Lambda to synchronize S3 and DynamoDB, enabling automated, event-driven data workflows
- Implemented S3 Cross-Region Replication for high availability and disaster recovery, ensuring data durability across multiple geographic locations

Technologies: AWS CLI · Lambda · S3 Cross-Region Replication · DynamoDB

ADDITIONAL PROJECTS

Kubernetes Container Orchestration (In Progress)

- Developing containerized application deployments using Kubernetes, learning pod management, service discovery, and horizontal scaling strategies

Jenkins & ArgoCD Pipeline Automation

- Implemented Jenkins pipelines and ArgoCD GitOps workflows for automated application delivery and continuous deployment to Kubernetes clusters

EDUCATION

Bachelor of Science in Business Administration

Graduated: 2023

Nnamdi Azikiwe University, Awka, Anambra State, Nigeria

Relevant Competencies: Project Management, Business Process Optimization, Data Analysis, Strategic Planning, Cross-Functional Team Collaboration

CERTIFICATIONS & CONTINUOUS LEARNING

AWS Certified Solutions Architect — *In Progress*

NC 03 - Cloud Computing | Neocloud Technologies

September 2025

Continuous learning in GCP fundamentals, Kubernetes advanced orchestration, and GitOps practices