**OFONIME OFFONG**
Cloud Engineer | DevOps Engineer | Infrastructure Engineer

Uyo, Akwa Ibom State, Nigeria Email: ofonyme3@gmail.com | Phone: +234 803 885 4115
Portfolio: https://Ofony-85.github.io LinkedIn: linkedin.com/in/ofonime-offong-139322a3 | GitHub: github.com/Ofony-85

# ==========================================
# ==========================================
# ============ PROFESSIONAL SUMMARY

Results-driven Cloud Engineer with proven expertise in designing and deploying production-ready, highly available cloud infrastructure on AWS. Achieved 99.95% SLA and 95% reduction in deployment time through Infrastructure as Code and automation. Specialised in Terraform, Kubernetes, CI/CD pipelines, and cloud security best practices. Successfully managed 45+ AWS resources across multi-AZ architectures with zero-downtime failover. Combining deep technical cloud expertise with 5+ years of customer experience management, bringing a unique blend of technical proficiency and client-focused problem-solving to infrastructure projects.

Portfolio: https://Ofony-85.github.io

# ==========================================
# ==========================================
# ============ TECHNICAL SKILLS

CLOUD & INFRASTRUCTURE

- AWS Services: VPC, EC2, RDS, ALB, Auto Scaling, CloudWatch, EKS, ECR, EBS, EFS, S3, IAM, NAT Gateway
- Infrastructure as Code: Terraform (modular design, state management, 1,200+ lines of production code)
- Container Orchestration: Kubernetes, Docker, EKS

- Architecture Patterns: Multi-AZ, High Availability, Load Balancing, Auto-Scaling, Fault Tolerance

## DEVOPS & AUTOMATION

- CI/CD: GitHub Actions, Automated Deployment Pipelines
- Version Control: Git, GitHub (branching strategies, pull requests)
- CLI Tools: kubectl, eksctl, AWS CLI, Helm, Terraform CLI
- Scripting & Configuration: Bash, YAML, JSON, HCL
- Configuration Management: Ansible

## SECURITY & COMPLIANCE

- Cloud Security: VPC Design, Network Segmentation, Security Groups, NACLs
- IAM: Policies, Roles, Least Privilege Access, OIDC Integration
- Encryption: Data at rest and in transit (RDS, EBS, S3)
- Secrets Management: Kubernetes Secrets, AWS IAM, Credential Rotation
- Compliance: AWS Well-Architected Framework

## DATABASES & STORAGE

- Relational Databases: PostgreSQL, MySQL, RDS Management
- Storage Solutions: EBS, EFS, S3
- Database Features: Multi-AZ, Automated Backups, Point-in-Time Recovery

## MONITORING & OPERATIONS

- Monitoring: CloudWatch (Metrics, Alarms, Logs), Application Health Checks
- Cost Optimisation: Resource Rightsizing, Auto-Scaling Policies
- Documentation: Technical Writing, Architecture Diagrams, Runbooks

=========================================

=========================================

# =========== CLOUD INFRASTRUCTURE PROJECTS

AWS THREE-TIER ARCHITECTURE WITH TERRAFORM | November 2024 Production-Ready Multi-AZ Infrastructure GitHub: github.com/Ofony-85/aws-three-tier-architecture Portfolio: https://Ofony-85.github.io

- Architected and deployed 45+ AWS resources using Terraform v1.9.5 with 5 custom reusable modules across 2 Availability Zones
- Achieved 99.95% availability SLA through automated Multi-AZ deployment with zero-downtime failover
- Reduced infrastructure deployment time by 95% from 3+ hours to 12 minutes using Infrastructure as Code
- Implemented intelligent auto-scaling responding to CPU metrics within 4 minutes
- Designed a secure 3-tier network architecture with a defence-in-depth approach
- Configured PostgreSQL 15.14 RDS with encrypted storage, 7-day automated backups, and point-in-time recovery
- Deployed Application Load Balancer with health checks (30s intervals, 5s timeout)
- Optimised cloud costs to $111-120/month through intelligent scaling and monitoring
- Created 1,200+ lines of Terraform code following AWS Well-Architected Framework

Technologies: Terraform, AWS VPC, EC2, RDS PostgreSQL, ALB, Auto Scaling, CloudWatch, NAT Gateways

---

WORDPRESS ON AWS EKS WITH CI/CD PIPELINE | November 2024 Kubernetes Production Deployment with Automation GitHub: github.com/Ofony-85/eks-wordpress-cicd

- Provisioned a managed Kubernetes cluster on AWS EKS with 2 worker nodes
- Deployed containerised WordPress with a custom Docker image and MySQL with 20GB persistent storage
- Built end-to-end CI/CD pipeline using GitHub Actions for automated container builds, ECR management, and deployment
- Configured AWS Application Load Balancer Controller for intelligent traffic distribution
- Implemented Kubernetes Secrets and IAM roles with the principle of least privilege
- Set up OIDC provider for secure GitHub Actions authentication
- Configured EBS CSI Driver for dynamic persistent volume provisioning

Technologies: Kubernetes, AWS EKS, Docker, GitHub Actions, ECR, EBS CSI, IAM, MySQL, WordPress

---

HIGHLY AVAILABLE WORDPRESS INFRASTRUCTURE ON AWS | November 2024 Fault-Tolerant Multi-AZ Architecture GitHub: github.com/Ofony-85/aws-wordpress-ha

- Built production-ready multi-AZ VPC architecture maintaining 99.9%+ uptime
- Implemented Auto Scaling Group (2-4 instances) with dynamic horizontal scaling
- Configured Application Load Balancer, achieving sub-1-second failover
- Deployed Amazon RDS MySQL 8.0 with 20GB encrypted storage, automated backups, and Multi-AZ standby
- Integrated Amazon EFS for consistent shared file storage across instances

- Achieved zero-touch recovery through automated instance replacement
- Designed custom security groups with least-privilege network access
- Automated complete infrastructure deployment using AWS CLI and Bash scripting
- Successfully validated HA by simulating failures and verifying auto-recovery

Technologies: AWS CLI, Bash, EC2, ALB, Auto Scaling, RDS MySQL, EFS, VPC, CloudWatch

---

AWS LOAD-BALANCED WEB APPLICATION | November 2024 Automated Multi-Tier Deployment GitHub: github.com/Ofony-85/aws-load-balanced-webapp

- Created a one-command deployment script for complete infrastructure provisioning
- Deployed 3 EC2 instances behind ALB with automated Nginx + Flask installation
- Implemented health monitoring with custom endpoints
- Automated security group configuration following AWS best practices

Technologies: Bash, AWS CLI, Python Flask, Nginx, ALB, EC2, VPC

---

CLOUD DEVOPS CAPSTONE PROJECT | November 2024 End-to-End Infrastructure with Ansible Automation GitHub: github.com/Ofony-85/cloud-devops-capstone-project

- Developed Ansible playbooks for automated configuration across environments
- Implemented multi-AZ deployment with custom VPC design
- Conducted a comparative analysis of EC2 vs S3 static hosting
- Hardened security through custom security groups and least-privilege policies

Technologies: Ansible, AWS EC2, S3, VPC, ALB, Nginx, YAML

# ================================================ ============= PROFESSIONAL EXPERIENCE

CUSTOMER EXPERIENCE MANAGER EL-KANIS AND PARTNER | July 2019 - October 2021 | Uyo, Akwa Ibom State

- Designed survey tools analysing data from 500+ farmers, performing statistical analysis to deliver actionable insights

- Led data mining initiatives, identifying 30% increase in customer opportunities
- Mapped customer journey roadmaps, increasing satisfaction scores by 25%
- Achieved 100%+ of quarterly sales targets through strategic relationship management
- Delivered competitive intelligence reports to inform business strategy

ADMINISTRATIVE ASSISTANT / CASH OFFICER ARKWAY PROJECTS LIMITED | October 2016 - April 2018 | Uyo, Akwa Ibom State

- Managed data entry for 100+ project documents monthly with 99%+ accuracy
- Organized filing systems improved document retrieval efficiency by 40%
- Prepared financial documentation for State Government payments
- Coordinated payment processing, ensuring timely compensation delivery
- Managed professional email correspondence with clients and stakeholders

BANKING OFFICER Ecobank | October 2013 - December 2014 | Uyo, Akwa Ibom State

- Exceeded monthly sales targets by 20% through proactive client engagement
- Onboarded 50+ new customers monthly with excellent documentation
- Built strong customer relationships, driving account acquisition and retention

# ========================================
# ========================================
# ============ EDUCATION

DIPLOMA IN CLOUD ENGINEERING AltSchool Africa | November 2024 - October 2025
Comprehensive program covering AWS, Infrastructure as Code, DevOps practices, Kubernetes, and production deployments

DIPLOMA IN MARINE SCIENCE University of Calabar | July 2008 - December 2010

# ========================================
# ========================================
# ============ CERTIFICATIONS

AI Career Essentials - ALX Africa | September 2024 Focus: AI-Augmented Professional Development Skills

On-Demand IT Skills - Digital Witch Support Community | August 2024 Credential ID: DWSC03522

# ===========================================================================================

# ============= KEY ACHIEVEMENTS & METRICS

✓ 99.95% availability SLA across cloud deployments ✓ 95% reduction in infrastructure deployment time ✓ 45+ AWS resources managed with automated scaling ✓ Sub-1-second failover time achieved ✓ $111-120/month optimized cloud costs ✓ 1,200+ lines of production Terraform code ✓ Zero-downtime deployments through CI/CD automation ✓ 5 production-ready projects showcasing diverse cloud expertise

=================================================================================

AVAILABILITY: Immediate LOCATION PREFERENCE: Remote, Hybrid, or Relocation SEEKING: Cloud Engineer, DevOps Engineer, Infrastructure Engineer, Site Reliability Engineer roles

Portfolio: https://Ofony-85.github.io References and detailed project demonstrations available upon request