

Ohia Uche Godwill

Abidjan Côte d'Ivoire. uche2net@gmail.com +2250758917823 [github](#) [linkedin](#)

Professional Summary:

Results-driven Cloud & DevOps Engineer with proven experience automating deployments, managing AWS cloud infrastructure, and building scalable CI/CD pipelines using Terraform, Docker, and Kubernetes.

PROJECTS EXPERIENCE

Cloud & DevOps Engineer — Self-directed Projects and Freelance (2025–Present)

- Built and maintained CI/CD pipelines using GitHub Actions (self-hosted runners) and GitLab CI/CD to automate deployments and enforce pipeline security, aligning with CI/CD tools requirements.
- Managed AWS cloud infrastructure (EC2, VPC, IAM, S3, CloudFront, RDS) using Terraform to implement Infrastructure as Code and reduce manual provisioning by 90%
- Containerized applications with Docker and deployed to Kubernetes/EKS, using Helm and Argo CD for GitOps-driven continuous deployment to ensure consistent rollouts and rollback capabilities.
- Implemented monitoring and observability with Prometheus, Grafana, and AWS CloudWatch to maintain service reliability and actionable alerting.
- Applied security best practices across infrastructure: isolated subnets, security groups, IAM policies, SSL/TLS, and hardened CI runners to protect sensitive data and CI/CD workflows.

Hospital Website Deployment — Project (2025)

- Designed and deployed multi-tier AWS architecture (VPC, isolated subnets, security groups) to host a production-ready hospital website with 99.9% uptime targets and secure access controls.
- Automated infrastructure provisioning with Terraform modules and version-controlled templates to enable repeatable, auditable deployments across environments.
- Integrated monitoring and logging to track availability and performance; enforced TLS/SSL and IAM policies for data protection.

Automated AWS Deployment with Terraform & GitHub Actions — Project (2025)

- Created modular Terraform configurations and integrated GitHub Actions self-hosted runners to fully automate environment provisioning and application deployment pipelines.

- Ensured deployment consistency and eliminated configuration drift by enforcing IaC practices and pipeline linting/checks.
- Hardened CI/CD pipeline security and maintained audit trails for infrastructure changes.

Auto-Scaling Web Server with HAProxy & Monitoring — Project (2025)

- Implemented auto-scaling EC2 groups behind HAProxy load balancer with Let's Encrypt SSL and automated provisioning via Terraform.
- Deployed Prometheus and Grafana for metrics collection and dashboards to monitor scaling events and system health.
- Configured health checks and CI-triggered deployment flows to maintain high availability during updates.

Secured Static Portfolio Website — Project (2025)

- Deployed static site to AWS S3 with CloudFront and Route 53, enforced SSL/TLS, and implemented cost-effective CDN caching and secure access controls.

CORE SKILLS

Linux | Git | Docker | Kubernetes | AWS | Terraform

EDUCATION

B.Eng. in Electrical Engineering – Imo State University Owerri, Nigeria, 2015

Additional Information

- Availability: Open to remote opportunities and relocation.
- Excellent team player with a focus on continuous learning
- strong problem-solving skills, troubleshooting and adaptability.