

Emmanuel Ogah

Senior DevOps Engineer & Infrastructure Engineer

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Professional Summary

Results-driven Senior DevOps and Infrastructure Engineer with over 7 years of experience designing, automating, and architecting scalable cloud-native environments across AWS, Azure, GCP, and hybrid platforms. Expert in container orchestration (Kubernetes, Docker) and Infrastructure as Code (Terraform, Ansible) with a proven track record of reducing cloud spend by 30% and implementing secure, zero-downtime GitOps/CI/CD pipelines (Azure DevOps, GitHub Actions, Jenkins). Skilled in full-stack deployment automation, observability (Prometheus, Grafana, ELK), and zero-touch reliability engineering for mission-critical systems.

Technical Skills

Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), Hybrid Cloud, High Availability Architectures.

Containerization & Orchestration: Kubernetes (EKS, AKS, GKE, RKE2), Docker, Helm, Kustomize, Canary & Blue/Green Deployments.

Infrastructure as Code (IaC): Terraform, AWS CloudFormation, Ansible.

CI/CD & GitOps Automation: GitHub Actions, GitLab CI/CD, Azure DevOps, Jenkins, ArgoCD, DevSecOps.

Monitoring & Observability: Prometheus, Grafana, Alertmanager, AWS CloudWatch, Incident Management (SLIs/SLOs/SLAs).

Security & Networking: Azure Key Vault, IAM, RBAC, Secret Management, Vulnerability Scanning (Trivy, SonarQube), VPN, Firewalls, TLS, DNS, Load Balancers.

Programming & Automation: Python, Go, Java, Bash, PowerShell, HCL, Linux Administration (RHEL, CentOS, Ubuntu).

Databases: PostgreSQL, MySQL, MongoDB, Oracle, MS SQL Server.

Professional Experience

Senior DevOps Engineer | Kramp · Varsseveld, Netherlands (Hybrid)

May 2024 – Present

- **Platform & Orchestration:** Designed and maintained production-grade Kubernetes-based GitOps platforms on AWS (EKS) using Jenkins, GitHub Actions, ArgoCD, Helm, and Kustomize.
- **Infrastructure as Code:** Automated multi-region infrastructure provisioning using Terraform and Ansible across AWS and scalable hybrid cloud environments.
- **Continuous Delivery:** Built zero-touch delivery pipelines supporting Java and SpringBoot applications using Jenkins and GitHub Actions, incorporating blue/green and canary strategies for zero-downtime releases.
- **Observability & SRE:** Engineered full-stack observability frameworks using Prometheus, Grafana, Loki, ELK, and Alertmanager to manage incident response and SLOs.

DevOps Engineer | Korsgy · Porto, Portugal (Remote)

January 2023 – February 2024

- **Cloud Infrastructure:** Managed core cloud environments, provisioning Kubernetes clusters (EKS/AKS), Virtual Machines, and secure multi-region networking topologies.
- **CI/CD Automation:** Built and maintained enterprise CI/CD pipelines using GitHub Actions, Jenkins, and Terraform for secure, repeatable cloud deployments.
- **Secrets & Security:** Centralized cloud platform security using AWS Secrets Manager, IAM, and RBAC to reinforce secure production operations.

DevOps Engineer | Tek-Experts · Lagos, Nigeria

March 2019 – January 2023

- **Cluster Operations:** Assisted with migrating and operating containerized application workloads on AWS and cloud platforms to support 99.9% system availability.
- **DevSecOps Integration:** Integrated security controls, automated vulnerability scanning, and compliance tracking directly into active Jenkins pipelines.
- **Network Administration:** Configured Virtual Networks, firewalls, and IAM access controls to build secure, scalable cloud network foundations.

Education

- Bachelor of Science in Computer Science | Michael Okpara University, Umudike
Graduated May 2017
- Higher National Diploma in Electrical Electronic Engineering | Benue State Polytechnics, Ugbokolo
Graduated October 2010

Certifications

- HashiCorp Certified: Terraform Associate
- Google Cloud Certified Associate Cloud Engineer
- Google Cloud Certified Professional Cloud Developer
- AWS Certified Solutions Architect
- AWS Certified Cloud Practitioner
- ITIL Foundation
- Cisco Certified Network Associate (CCNA)
- Generative AI Leader Certification