

VOKE OGIGBAH

Cloud and DevSecOps Engineer | AWS Solutions Architect

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PROFESSIONAL SUMMARY

Cloud and DevSecOps Engineer with 7+ years of experience designing, automating, and securing cloud-native infrastructure and delivery pipelines across AWS, Azure, and GCP. Proven track record building production-grade CI/CD pipelines, implementing Infrastructure as Code with Terraform and CloudFormation, and enforcing IAM governance across regulated environments. Hands-on expertise with Docker, Kubernetes/EKS, serverless architecture, REST API development, and observability tooling. Strong background in cloud security, compliance-aligned delivery, and full-stack backend development. AWS Certified with a consistent record of technical documentation and cross-functional collaboration.

CORE COMPETENCIES

AWS Cloud Infrastructure | Kubernetes / EKS | Docker and Container Security | Terraform and CloudFormation | CI/CD Pipeline Design (GitHub Actions, Azure DevOps, Jenkins) | Serverless Architecture (Lambda, API Gateway, Cognito) | IAM Governance and Least-Privilege | VPC and Network Security | Observability and Alert Tuning | REST API and Backend Development | Linux and Python/Bash Automation | Compliance and Audit Tooling | Technical Documentation and Runbooks

PROFESSIONAL EXPERIENCE

Senior Cloud and DevSecOps Engineer | Hacktales Sep 2023 - Present

- Designed and maintained production CI/CD pipelines using GitHub Actions and Jenkins with automated security scanning, Docker builds, semantic versioning, and multi-environment deployments, reducing deployment cycles by 75% (8 minutes to 2 minutes).
- Managed containerized workloads using Docker and Kubernetes (EKS), implementing pod-level resource constraints, liveness and readiness probes, non-root security contexts, and cluster-level troubleshooting.
- Built and maintained Infrastructure as Code using Terraform (Expert) and CloudFormation, ensuring version-controlled, governance-aligned deployments with peer-reviewed change processes across all environments.
- Architected high-performance multi-tier AWS environments leveraging EC2, S3, RDS, Lambda, API Gateway, Cognito, ElastiCache, and Amazon MQ, achieving significant operational efficiency and cost optimization.
- Enforced IAM least-privilege governance, designed secure VPC architectures with public and private subnets, ALBs, NAT gateways, Route53 DNS, and SSL/TLS via ACM, and integrated CloudTrail and AWS Config for continuous compliance monitoring.
- Implemented observability using CloudWatch, Prometheus, and Grafana, triaging infrastructure alerts, tuning thresholds to reduce noise, and authoring runbooks for recurring incident patterns.
- Optimized Docker image sizes by 81% (2GB to 383MB) through multi-stage builds, reducing attack surface by 57 to 75% through container hardening and security policy enforcement.
- Delivered 40% infrastructure cost reduction and 35% performance efficiency improvement through cloud-native optimization, with ROI analysis presented to leadership.
- Collaborated with product managers and frontend engineers to deliver production backend features from design through deployment, and authored 200+ pages of runbooks, implementation guides, and security checklists.

Infrastructure and Systems Engineer | TechVee Solutions Feb 2018 - Aug 2023

- Maintained 99% system availability across a production environment supporting 35+ users through proactive monitoring, incident triage, and structured resolution processes.
- Administered Linux and Windows servers, Active Directory, group policies, and role-based access control aligned with least-privilege security standards.
- Configured and maintained network infrastructure including routers, switches, firewalls, and VPN connectivity, and enforced security best practices including MFA, patch management, and endpoint protection.
- Developed and maintained operational documentation including network diagrams, system configuration guides, and runbooks, reducing resolution time for recurring issues.

KEY PROJECTS

Serverless File Sharing Application -- AWS

- Architected and deployed a scalable serverless application using Lambda, API Gateway, S3, Cognito, and Terraform, achieving zero infrastructure management overhead, automatic scaling, and 25ms average response time. Enforced IAM least-privilege access and VPC network security controls throughout.

Production Task Management System -- Full CI/CD

- Built a three-tier application (React/Next.js, Flask, PostgreSQL) with REST APIs, JWT authentication, and RBAC, deployed via a full GitHub Actions CI/CD pipeline. Reduced Docker image sizes by 81% and deployment time by 75% through container optimization and pipeline hardening.

TECHNICAL SKILLS

AWS: EC2, S3, RDS, Lambda, API Gateway, Cognito, VPC, IAM, CloudFront, Route53, CloudWatch, CloudTrail, AWS Config, ACM, ALB/NLB, Elastic Beanstalk, Auto Scaling, ElastiCache, Amazon MQ, DynamoDB

Containers and Orchestration: Kubernetes / EKS, Docker (multi-stage builds, security hardening), Docker Compose

Infrastructure as Code: Terraform (Expert), AWS CloudFormation, Bicep (working knowledge)

CI/CD and DevOps: GitHub Actions, Azure DevOps (Pipelines, Repos, Boards, Artifacts), Jenkins

Observability: CloudWatch, Prometheus, Grafana, OpenTelemetry, Azure Monitor (working knowledge)

Security and Compliance: IAM governance, VPC security, container hardening, SSL/TLS, CloudTrail, AWS Config, audit tooling, least-privilege access

Languages and Scripting: Python (Boto3, Flask), Bash, PowerShell, YAML, REST APIs, JavaScript, TypeScript, Java (Spring Boot)

Development: Flask, React, Next.js, RESTful APIs, JWT Authentication, PostgreSQL, MySQL, DynamoDB

Other: Linux (Ubuntu, Amazon Linux), Windows Server, Git, GCP (Cloud Run, Cloud SQL), Microsoft Azure, technical runbooks, ADRs

EDUCATION AND CERTIFICATIONS

M.Sc. Automation and Control -- Newcastle University, England

B.Eng. Electrical and Electronics Engineering -- Niger Delta University, Nigeria

AWS Certified Cloud Practitioner | IBM Cybersecurity Analyst | Fortinet Certified Fundamentals in Cybersecurity