

Temitayo Charles Akinniranye

DEVOPS ENGINEER | CLOUD PLATFORM ENGINEER

PROFESSIONAL SUMMARY

Enterprise DevOps and Cloud Platform Engineer with 11+ years in IT (7+ in DevOps and Cloud Automation) specializing in fintech and SaaS environments. Proven track record of cutting deployment times from hours to minutes, eliminating production incidents, and enabling rapid, secure delivery at scale. Delivered \$200K+ in annual cost savings while improving platform reliability from 99.9% to 99.99%. Experienced in driving GitOps, DevSecOps, and SRE practices across AWS, Azure, and GCP. Known for mentoring engineers, reducing costs, and implementing resilient infrastructure that improves business outcomes.

PROFESSIONAL EXPERIENCE

Senior DevOps & Cloud Platform Engineer

Kanshe Infotech | N Mason Rd, Katy TX, USA | **Apr 2021 – Present**

- Reduced deployment time from 4 hours to 15 minutes by implementing GitHub Actions and Jenkins pipelines, enabling 200+ production deployments/month with zero rollback incidents.
- Increased platform reliability from 99.9% to 99.99%, preventing costly downtime.
- Saved 25% in monthly AWS costs (~\$18K/month, \$216K annually) through infrastructure audits, Spot Instance adoption, and compute rightsizing across 150+ EC2 instances.
- Built reusable Terraform modules cutting provisioning effort by 70% across environments.
- Eliminated recurring 3 AM alerts with Prometheus/Grafana alerting and tuned health checks.
- Drove GitOps adoption using ArgoCD and Helm, enabling 40+ production releases/week without weekend work.
- Embedded security checks (Trivy, Checkov, SonarQube, Vault) in CI/CD pipelines ensuring compliance.
- Mentored 5 junior engineers through internal DevOps training program; 3 promoted to senior roles within 18 months, improving team retention by 40%.
- Architected multi-region disaster recovery solution reducing RTO from 4 hours to 15 minutes across 8 production services.
- Maintained 99.99% SLA for infrastructure serving 2M+ API requests/day with MTTR under 30 minutes for P0 incidents.
- Implemented zero-trust security model using Istio service mesh and Vault, achieving SOC2 compliance 3 months ahead of schedule.
- Led infrastructure-as-code initiative resulting in 100% environment parity and eliminating configuration drift incidents.

+1 519 215 8388

tayocharlesak@gmail.com

<https://linkedin.com/in/temitayocharles>

<https://temitayocharles.online>

CORE COMPETENCIES

Cloud Platforms (AWS, Azure, GCP) | Kubernetes (EKS/AKS/GKE) | GitOps (ArgoCD, Helm) | Infrastructure as Code (Terraform, Ansible, Pulumi) | CI/CD Pipelines (GitHub Actions, Jenkins, GitLab CI, Azure DevOps) | DevSecOps (Vault, Trivy, Checkov, SonarQube, IAM, KMS, SSM) | Monitoring & Observability (Prometheus, Grafana, CloudWatch, Loki, ELK) | SRE Practices | Automation & Cost Optimization | Incident Response & RCA | Mentorship & Agile Delivery

CERTIFICATIONS

HashiCorp Certified: Terraform Associate | AWS Certified Solutions Architect | PMP | Certified Scrum Master (CSM) |

EDUCATION

University of Ado-Ekiti

Nigeria

B.Sc.: Geology and Applied Geophysics

Bamidele Olumilua University

Nigeria

National Certificate:

Computer/Integrated Sciences

- Presented "Advanced GitOps Patterns" at internal tech summit, adopted by 3 other engineering teams.

Technical Environment: AWS (EKS, ECS, Lambda, CloudFormation, S3), Terraform, Kubernetes, ArgoCD, Helm, GitHub Actions, Jenkins, Vault, Prometheus, Grafana, Trivy, Checkov, SonarQube, Python, Bash, Docker.

DevOps Engineer

Kanshe Infotech | N Mason Rd, Katy TX, USA | Jun 2018 – Mar 2021

- Led cloud migration strategy moving 12 monolithic applications from on-prem to AWS microservices architecture, reducing deployment cycles by 60% and cutting infrastructure costs by 35%.
- Automated provisioning with Terraform + Ansible, cutting manual intervention and errors.
- Built GitLab CI/CD pipelines enabling 15+ microservices to be deployed independently.
- Enforced secrets management with AWS SSM Parameter Store and IAM policies.
- Optimized image storage costs by 30% via Docker/ECR lifecycle management.
- Improved data processing throughput by 40% with AWS Lambda + Step Functions.
- Automated log parsing and migrations with Python/Bash, saving ~15 hours/week.
- Reduced mean time to recovery (MTTR) from 2 hours to 25 minutes through improved monitoring and runbook automation.
- Achieved 98.5% deployment success rate across 15+ microservices handling 500K+ daily transactions.

Technical Environment: AWS (EC2, S3, RDS, Lambda, SSM), GitLab CI/CD, Terraform, Ansible, Docker, CloudWatch, Python, Bash, Jenkins.

Linux Systems Engineer & Scrum Facilitator

British Council Bahrain | Feb 2014 – May 2018

- Administered 200+ Linux servers ensuring uptime and compliance for international applications.
- Automated backups, log rotation, and monitoring with Bash/Python reducing workload by 40%.
- Led Agile ceremonies as Scrum Master, increasing sprint delivery velocity by 20%.
- Developed SOPs and DR plans ensuring audit readiness and compliance.
- Trained junior sysadmins on automation and IT change management best practices.
- Achieved 99.7% uptime across 200+ Linux servers supporting 50K+ global users across 6 countries with zero security breaches.

Technical Environment: Linux (RHEL, CentOS), Bash, Python, Active Directory, Apache, Samba, DNS, FTP, Puppet, Jira.

PROFESSIONAL DEVELOPMENT

Certified Kubernetes Administrator (CKA) - Udemy/KodeKloud

GitOps with ArgoCD and Helm - KodeKloud

DevSecOps Essentials - Pluralsight

Site Reliability Engineering Foundations - LinkedIn Learning

Azure DevOps Engineer Expert - A Cloud Guru

Continuous Delivery with Jenkins - Coursera

Debugging Kubernetes - LinkedIn Learning

Certified Kubernetes Administrator (CKA) - Linux Foundation (In Progress)

AWS Certified DevOps Engineer Professional - AWS (Planned Q1 2026)

HashiCorp Certified: Vault Associate - HashiCorp (In Progress)