Temitayo Charles Akinniranye

SENIOR DEVOPS ENGINEER | CLOUD PLATFORM ENGINEER

+1 519 215 8388
tayocharlesak@gmail.com
https://linkedin.com/in/temitayocharles

PROFESSIONAL SUMMARY

Senior DevOps Engineer with 11 years in IT and 7 years focused on cloud infrastructure, automation, and CI/CD. Skilled in deploying scalable systems on AWS, Azure, and GCP using Terraform, Kubernetes (EKS/ECS), and Docker. Experienced in building secure CI/CD pipelines with GitHub Actions, Jenkins, and GitLab CI. Strong in DevSecOps, container orchestration, infrastructure as code, and monitoring with Prometheus, Grafana, and CloudWatch. Adept at driving automation, incident response, and mentoring teams in cloud-native best practices.

PROFESSIONAL EXPERIENCE

Sr. DevOps & Cloud Platform Engineer
EK Tech Software Solutions - *04/2021 - Current*

- Built and managed scalable infrastructure on AWS using Terraform, modularizing for reusability.
- Provisioned and administered EKS clusters using Helm, Kustomize, and IAM for microservices orchestration.
- Developed CI/CD pipelines with GitHub Actions and Jenkins for automated testing, builds, and multi-stage deployment.
- Integrated DevSecOps into pipelines using Trivy, Checkov, SonarQube, Istio, AWS KMS, IAM, Vault, and SSM.
- Enabled secret management and policy enforcement with HashiCorp Vault, SSM and AWS IAM.
- Created auto-healing and fault-tolerant systems with Kubernetes health probes and HPA.
- Automated infrastructure bootstrap using Ansible, Terraform, and Packer for immutable environments.
- Implemented monitoring and alerting using Prometheus, Grafana, CloudWatch, and custom exporters.
- Conducted incident response, RCA, and continuous improvement across staging and production.
- Drove GitOps practices and Kubernetes resource management via Helm Charts and ArgoCD.
- Delivered cost optimization by auditing unused resources, resizing compute, and using Spot Instances.
- Mentored engineers on Kubernetes, IaC, GitOps, and CI/CD workflows across cloud-native projects.
- **Environment**: AWS, Azure, Terraform, Kubernetes (EKS), GitHub Actions, Jenkins, Vault, Prometheus, Helm

CORE COMPETENCIES

Cloud Engineering | CI/CD Pipelines | Kubernetes (K8s) | Infrastructure as Code (IaC) | DevSecOps | Observability | SRE | Containerization | GitOps | Configuration Management | Automation | Cost Optimization | Agile Delivery | Incident Response

Cloud: AWS (EC2, EKS, ECS, S3, Lambda, Route53, IAM, CloudFormation), Azure (AKS, ACR, Azure DevOps), GCP (GKE, IAM, Cloud Storage)

IaC: Terraform, Helm, Ansible, CloudFormation, Pulumi, Packer

Containers: Docker, Kubernetes, EKS, ECS, Helm, Kustomize, Istio, OpenShift

CI/CD: GitHub Actions, Jenkins, GitLab CI/CD, Azure DevOps, CircleCI, ArgoCD, Spinnaker

Monitoring/Logging: Prometheus, Grafana, ELK Stack, CloudWatch, Splunk, Loki, Datadog

Security/DevSecOps: Vault, Trivy, Checkov, IAM, KMS, SSM, Aqua, SonarQube, Falco, AWS Config

Languages: Bash, Python, YAML, Groovy, Go (basic), PowerShell

Other Tools: Git, Bitbucket, Artifactory, Nexus, Kafka, RabbitMQ, NGINX, Consul, Jira, Confluence

OS: Linux (Ubuntu, RHEL, CentOS), Amazon Linux, Windows Server

DevOps Engineer

EK Tech Software Solutions - *06/2018 - 03/2021*

- Created and maintained GitLab CI/CD pipelines for deployment of Node.js, Python, and Java apps.
- Designed Dockerfiles and Docker Compose setups for development and QA environments.
- Managed Docker registries and image scanning with Trivy and AWS ECR lifecycle policies.
- Automated infrastructure with Ansible and Terraform for provisioning EC2, RDS, and VPC networking.
- Integrated CloudWatch for system and application logging, metrics, and alerting workflows.
- Supported AWS Lambda-based serverless pipelines with S3 triggers and Step Functions.
- Authored Python and Bash scripts for data migration, log parsing, and configuration management.
- Configured Jenkins pipelines for batch jobs, nightly builds, and test automation.
- Enabled secrets management and auditing with AWS Systems Manager Parameter Store and IAM policies.
- Collaborated on infrastructure refactoring to reduce tech debt and improve deployment times.
- Participated in Agile ceremonies and contributed to sprint planning, grooming, and retrospectives.
- Migrated workloads from monolithic on-prem systems to scalable cloud-native solutions.
- **Environment**: AWS, GitLab CI/CD, Docker, Ansible, CloudWatch, Python, EC2, S3, Jenkins

Linux Systems Engineer & Scrum Facilitator

British Council - *02/2014 - 05/2018*

- Managed Linux servers and administered system configurations for application hosting and security compliance.
- Performed patch management, package installations, user/group management, and shell scripting for automation.
- Developed Bash and Python scripts for backup, log rotation, monitoring, and process automation.
- Led Agile ceremonies as Scrum Master, ensuring sprint velocity and team alignment.
- Configured and maintained DNS, Apache, Samba, and FTP services on RHEL-based systems. Documented SOPs for server maintenance, DR plans, and IT audit compliance.
- Handled system upgrades, performance tuning, and OS-level troubleshooting. Integrated Linux systems with Active Directory for authentication and access control.
- Supported internal teams with secure remote access, SSH key management, and user provisioning. Trained junior sysadmins on scripting, change management, and ticket handling best practices.
- **Environment**: Linux (RHEL/CentOS), Bash, Python, Puppet, Active Directory, Agile, Jira

CERTIFICATIONS

Terraform Associate – HashiCorp Certified
AWS Certified Solutions Architect
Project Management Professional (PMP)
Certified Scrum Master (CSM)
NEBOSH International General Certificate

EDUCATION

University of Ado-Ekiti
Nigeria

B.Sc.: Geology and Applied Geophysics

Bamidele Olumilua University
Nigeria

National Certificate: Computer/Integrated Studies

PROFESSIONAL DEVELOPMENT

Kubernetes for Beginners – Udemy
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