



Olu Aduloju

Cloud / DevOps Engineer

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PROFESSIONAL SUMMARY

Certified Cloud & DevOps Engineer with 5 years of hands-on experience architecting, deploying, and managing cloud infrastructure across AWS, Azure, and GCP. Deep expertise in infrastructure automation, containerization, CI/CD pipeline development, and cloud migration strategies. Proven track record of optimizing cloud costs by 50%, achieving 99% uptime through comprehensive monitoring, and implementing Infrastructure as Code practices across multi-cloud environments. Strong background in managing Kubernetes workloads, designing scalable cloud architectures, and delivering reliable, automated deployment solutions that accelerate software delivery.

KEY ACHIEVEMENTS

Cloud Infrastructure Optimization: Reduced cloud infrastructure costs by almost 50% at GamePride through strategic replatforming, resource optimization, and implementation of cost monitoring across AWS/Azure/GCP environments. Designed auto-scaling solutions and right-sizing strategies that improved performance while reducing operational expenses.

Multi-Cloud Migration Excellence: Led complete infrastructure migration from AWS to Azure achieving 60% performance improvement with zero downtime at GamePride. Architected cloud-native solutions, migrated PostgreSQL databases, RabbitMQ clusters, and Kubernetes workloads while ensuring business continuity and data integrity.

CI/CD & Automation: Built and optimized CI/CD pipelines using Jenkins, Azure DevOps, and GitHub Actions reducing deployment time from 80 minutes to 45 minutes. Implemented GitOps workflows and automated testing frameworks that increased release frequency from 4 times per month to twice per week.

Infrastructure as Code Mastery: Implemented comprehensive IaC practices using Terraform, Helm, and Bicep achieving 100% version control compliance and eliminating manual configuration errors. Designed reusable modules and templates enabling rapid infrastructure provisioning across multiple environments.

Container Orchestration & Monitoring: Architected and managed Kubernetes clusters (AKS, EKS, GKE) supporting users with 99% uptime. Implemented comprehensive monitoring using Prometheus and Grafana, creating custom dashboards that reduced mean time to detection and enabled proactive incident response.

DevOps Best Practices Implementation: Established DevOps culture and IT Service Management practices across multiple development teams. Automated infrastructure provisioning, implemented disaster recovery strategies, and created comprehensive documentation enabling seamless collaboration and knowledge transfer.

PROFESSIONAL EXPERIENCE

DevOps Engineer | [GamePride, Canada](#)

January 2023 - Present

- ▶ Architect and deploy multi-cloud infrastructure across AWS, Azure, and GCP supporting users with high availability, scalability, and disaster recovery capabilities
- ▶ Implement Infrastructure as Code using Terraform, Helm, and Bicep to provision and manage cloud resources with 100% version control compliance and automated deployment workflows
- ▶ Design and manage Kubernetes clusters for containerized workloads, implementing auto-scaling, load balancing, and rolling update strategies ensuring zero-downtime deployments
- ▶ Build and maintain CI/CD pipelines using Azure DevOps, Jenkins, and GitHub Actions automating testing, security scanning, and deployment processes across multiple environments
- ▶ Implement comprehensive monitoring and observability using Prometheus, Grafana, and Azure Monitor with custom dashboards, alerting rules, and automated incident response achieving 99% uptime

- ▶ Manage cloud databases (PostgreSQL, MongoDB, SQL Server) implementing automated backups, high availability configurations, and performance optimization strategies
- ▶ Led cloud cost optimization initiatives reducing monthly expenses by 50% through resource right-sizing, reserved instances, auto-scaling policies, and waste elimination
- ▶ Collaborate with development teams implementing DevOps best practices, GitOps workflows, and security-first approaches across the software development lifecycle

DevOps Engineer (Contract) | AlphaTech7, UAE

2022

- ▶ Executed complete cloud migration from AWS to Azure including PostgreSQL databases, RabbitMQ clusters, and Kubernetes workloads achieving 60% performance improvement with zero downtime
- ▶ Architected cloud-native infrastructure using Azure services (AKS, Azure SQL, Virtual Networks, Application Gateway) with high availability and disaster recovery configurations
- ▶ Designed and implemented automated CI/CD pipelines using Azure DevOps reducing deployment time from 80 minutes to 45 minutes through parallel execution and caching strategies
- ▶ Built containerized microservices architecture using Docker and Kubernetes with service mesh implementation for improved observability and traffic management
- ▶ Implemented comprehensive monitoring and logging solutions using Prometheus, Grafana, and Azure Monitor providing real-time visibility into application and infrastructure health
- ▶ Developed Infrastructure as Code templates using Bicep and Terraform enabling reproducible environment provisioning and configuration management
- ▶ Established GitOps workflows and automated rollback strategies ensuring safe deployments and rapid recovery from failures
- ▶ Provided technical leadership on cloud best practices, security implementations, and DevOps methodologies across development and operations teams

DevOps Engineer | DEEM, Nigeria

September 2021 - November 2022

- ▶ Architected and deployed cloud infrastructure for multiple microservices-based applications using AWS and containerization technologies
- ▶ Built automated CI/CD pipelines using Jenkins improving release frequency from 4 times per month to twice per week through automation and parallel testing
- ▶ Implemented Infrastructure as Code practices using Terraform for reproducible environment provisioning across development, staging, and production
- ▶ Designed and deployed monitoring solutions using Prometheus and Grafana providing real-time infrastructure and application performance insights
- ▶ Managed Kubernetes clusters for container orchestration implementing auto-scaling, health checks, and rolling deployments for high availability
- ▶ Deployed and maintained self-hosted Git infrastructure (Gitea) implementing backup strategies, access controls, and reducing licensing costs
- ▶ Established DevOps best practices and IT Service Management processes across a 10-person development team including incident management and change control
- ▶ Implemented security best practices including network segmentation, secrets management, IAM policies, and vulnerability scanning in CI/CD pipelines

TECHNICAL SKILLS

Cloud Platforms:

AWS (EC2, S3, RDS, Lambda, VPC, IAM), Azure (AKS, Azure SQL, Virtual Networks, App Service, Functions), GCP (GKE, Compute Engine, Cloud Storage)

Containers & Orchestration:

Infrastructure as Code:

Terraform, Helm, Bicep, Ansible, CloudFormation, Google Deployment Manager

CI/CD & Automation:

Docker, Kubernetes (AKS, GKE, EKS), Docker Compose, Container Registries (ACR, ECR, GCR), Helm Charts

Monitoring & Observability:

Prometheus, Grafana, Azure Monitor, CloudWatch, Log Analytics, ELK Stack, Application Insights

Version Control & Collaboration:

Git, GitHub, Azure Repos, GitLab, Gitea, Google Cloud Source Repositories

Networking:

VPC, Virtual Networks, Subnets, Load Balancers, Application Gateway, DNS, Private Endpoints, VPN, Firewall, Service Mesh

IT Service Management:

ITIL Processes, Incident Management, Change Management, Configuration Management, Service Delivery

Jenkins, Azure DevOps, GitHub Actions, GitLab CI, CircleCI, ArgoCD, Google Cloud Build, GitOps

Scripting & Programming:

Bash, Python, Go, PowerShell, Node.js, YAML, JSON

Databases & Storage:

PostgreSQL, MySQL, MongoDB, Microsoft SQL Server, Redis, Azure Storage, S3, Cloud Storage

Security & Compliance:

IAM, RBAC, Key Vault, Secrets Management, Data Encryption, WAF, Security Groups, Microsoft Defender, Compliance Frameworks

Additional Skills:

Microservices Architecture, Site Reliability Engineering, Cost Optimization, Disaster Recovery, High Availability Design

NOTABLE PROJECTS

Multi-Cloud Infrastructure Migration & Optimization

Led end-to-end cloud migration from AWS to Azure for production workloads including Kubernetes clusters, databases, and messaging systems. Architected cloud-native solutions using AKS, Azure SQL, and managed services achieving 60% performance improvement. Implemented Infrastructure as Code with Terraform and Bicep, automated CI/CD pipelines with Azure DevOps, and comprehensive monitoring with Prometheus/Grafana. Achieved zero downtime during migration affecting thousands of users.

Enterprise CI/CD Pipeline Modernization

Designed and implemented modern CI/CD pipelines using Jenkins, Azure DevOps, and GitHub Actions for microservices architecture. Built automated testing frameworks, security scanning integration, and deployment automation reducing release time from 80 minutes to 45 minutes. Implemented GitOps workflows using ArgoCD and established deployment strategies including blue-green and canary deployments ensuring safe production releases.

Infrastructure Monitoring & Observability Platform

Built comprehensive monitoring and observability solution using Prometheus, Grafana, and Azure Monitor for multi-cloud infrastructure. Designed custom dashboards for infrastructure metrics, application performance, and business KPIs. Implemented automated alerting, incident response workflows, and on-call rotation achieving 99% uptime and reducing mean time to detection by 70%. Created runbooks and documentation enabling team self-service.

Internal DevOps Automation Tool (HENV)

Developed custom CLI tool using Golang to streamline secure configuration management in Azure DevOps pipelines. Implemented features for safely modifying environment variables, secrets management, and automated deployment workflows. Reduced configuration update time from 30 minutes to 5 minutes, improved security posture through automated secret rotation, and enabled developer self-service reducing operations team workload.

CERTIFICATIONS

AWS Certified Cloud Practitioner

Earned: August 2022

Google Associate Cloud Engineer

Earned: January 2021

Microsoft Azure Administrator Associate

Earned: June 2021

EDUCATION

LINKS

 oluwagbenga.com

 [LinkedIn Profile](#)

 [GitHub Portfolio](#)

INTERESTS

Space Exploration, Philosophy, Business Strategy, Sports, Travel

Federal University of Technology Akure

BSc. Marine Science and Technology, 2015 - 2020

PROFESSIONAL TRAINING

Google Africa Developer Scholarship

Cloud Engineering Track (2020)

I4G X ZURI Backend Development

Node.js Specialization (2021)

REFERENCES

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