

Loveth Oballe Ayuknteck

DevOps engineer | SRE | DevSecOps

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DevOps Engineer and Kubernetes expert with 8+ years of experience in designing, deploying, and managing containerized applications and production-grade Kubernetes clusters. Skilled in cloud infrastructure, automation, CI/CD pipelines, and providing technical leadership for critical systems. Adept at driving innovation, reducing costs, and maintaining high standards for software quality, security, and reliability. Experienced in supporting and migrating legacy applications, mentoring teams, and ensuring seamless business operations.

Professional Experience

Sr. DevOps engineer / SRE | Lucidworks

Feb 2021 - Present

- Developed and maintained CI/CD pipelines in Azure DevOps, Github actions increasing deployment frequency by 50%
- Spearheaded migration from GitLab to Azure DevOps, resulting in a 30% increase in development velocity.
- Developed and maintained centralized monitoring and alerting systems using Prometheus and Grafana, ensuring real-time visibility and alerting for critical business operations.
- Designed and managed Kubernetes clusters in Azure AKS and Google GKE, implementing self-healing and automated scaling strategies. Reduced deployment downtime by 75% using blue-green deployments and rolling updates.
- Implemented customer roadmaps, reducing deployment time by 40% through automation and Infrastructure-as-Code practices
- Architected and deployed scalable AWS environments using Terraform, resulting in 99.99% uptime for critical applications
- Led migrations to AWS using CloudEndure and Amazon DMS, completing projects 20% ahead of schedule
- Implemented ELK stack for centralized logging, improving troubleshooting efficiency by 50%
- Optimized AWS costs through AutoScaling and right-sizing, achieving 30% reduction in monthly cloud spend

DevOps Engineer | Insight

Sept 2020 - Feb 2021

- Developed and executed software upgrade procedures and test cases for mission-critical infrastructure, minimizing downtime and system failures during upgrades
- Participated in a 24/7 on-call rotation, ensuring system availability and quick issue resolution.

- Automated infrastructure provisioning and configuration management using terraform and Ansible respectively, improving consistency and reducing manual errors by 60%
- Managed hybrid cloud environments using Azure and AWS, optimizing resource utilization and reducing costs by 20%
- Managed Kubernetes and container deployments using Terraform and Ansible. Built reusable IaC templates for rapid provisioning of cloud resources.
- Architected and configured Dev / Stage / QA environments in AWS (VPC, subnets, security groups, EC2 instances, load balancer, route53, etc.).
- Designed and implemented CI/CD pipelines using Github action reducing release cycles by 60%
- Containerized legacy applications using Docker and Kubernetes, improving scalability and portability
- Collaborated with security teams to identify and remediate vulnerabilities, enhancing overall security posture
- Managed and optimized database engines, improving query performance by 35%

DevOps Engineer | Workday

Sept 2017 - Sept 2020

- Implemented and maintained a containerized environment using Docker and Kubernetes, enabling efficient application deployment and scaling.
- Automated infrastructure provisioning and configuration management using Ansible and Terraform.
- Conducted performance testing and optimization for applications and infrastructure components.
- Optimized resource utilization and cost management by implementing autoscaling and load balancing strategies.
- Aided setup for and configured for logs files detail monitoring and alerts notification when changes were made.
- Performed root-cause analysis of recurring issues, system backup, and security setup.
- Deployed and configured various AWS services, including EC2, VPC, and RDS
- Implemented Infrastructure-as-Code using Terraform, standardizing environment creation
- Assisted in troubleshooting customer environments, reducing average resolution time by 25%

Key Skills

- **DevOps Tools:** Jenkins, GitLab, Azure DevOps, ArgoCD
- **Containerization & Orchestration:** Docker, Kubernetes (AKS, GKE), Helm
- **Cloud Platforms:** Azure, GCP, AWS
- **Languages:** Python, Bash, YAML
- **Monitoring & Alerting:** Prometheus, Grafana, ELK stack
- **Security:** RBAC, Secrets Management, Network Policies, SSL/TLS
- **Infrastructure as Code (IaC):** Terraform, Ansible, Helm,

- **CI/CD:** Automated Pipelines, Testing, Zero-Downtime Deployments, Azure Pipelines,
 - **Agile & Scrum:** Software Development Lifecycle, On-call support
 - **Operating system:** Linux, Windows server.
 - **AWS Security:** AWS Security Hub, AWS Guard Duty, AWS Shield, AWS Firewall Manager, AWS Inspector
 - **Monitoring /Event Management:** AWS CloudWatch (Events and Logs), AWS SNS, AWS S3.
 - **Identity / Access Management:** AWS Organization, AWS IAM, AWS Secrets Manager.
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Education & Certifications

- **Bachelors of Technology** – National Polytechnic Bamenda | 2013
 - **Certified Kubernetes Administrator (CKA)** – Linux Foundation
 - **RHCSA**
 - **Terraform Associate**
 - **Github Actions**
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Projects

- **Kubernetes-based centralized monitoring and alerting system:** Developed a centralized alerting configuration system for Kubernetes environments using Prometheus and Grafana
- **Legacy application migration to kubernetes:** Migrated legacy applications from monolithic architectures to microservices running in Kubernetes.
- **CI/CD automation for kubernetes application:** Implemented a fully automated CI/CD pipeline for containerized applications.