

Donald Eke

DevOps Engineer | Site Reliability Engineer

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PROFESSIONAL SUMMARY

I have spent the past years refining my skills with the sole aim of driving Cost Optimization and Operational Efficiency leveraging on Secure Application Deployments, deep knowledge of cloud services in AWS, CI/CD Tools, Containerization, Container Orchestration, Configuration Management, Scalable Infrastructure Provisioning. My focus extends to building and maintaining highly available systems, utilizing monitoring and observability tools to improve system stability and reliability. With strong analytical, innovation and communication skills, I assist enterprises to establish a modern DevOps culture.

WORK EXPERIENCE

Lead DevOps Engineer

Telex

Sept 2024 - Present

- Led a 6-person team in implementing microservices architecture for the backend and frontend applications with Docker, enhancing scalability and deployment consistency across environments.
- Built CI/CD pipelines using GitHub Actions, reducing deployment time by 40% and increasing release frequency of software from monthly to weekly for the Telex app.
- Deployed comprehensive monitoring and observability solutions (Grafana, Loki, Promtail and Prometheus), enhancing troubleshooting capabilities, reducing mean time to detect (MTTD) issues by 60% and improving system uptime from 87.5% to 99.5%.
- Implemented DORA metrics, decreasing Mean Time to Recovery (MTTR) by 30% and reducing Change Failure Rate from 15% to 5%, enhancing Telex's deployment efficiency.
- Configured a Kubernetes Cluster to serve as a Self-Hosted GitHub Actions Runner improving CI/CD efficiency by 15% for cross-platform development.
- Optimized Docker resource allocation, achieving 25% reduction in infrastructure costs while maintaining application performance.

DevOps Engineer

Hotels.ng

Jun 2024 - Aug 2024

- User management and secure password handling automation with Bash scripts reducing onboarding and administrative tasks by 50%.
- Containerized a Full-Stack Web Application using Docker reducing infrastructure costs by 33% and configured Proxy Manager with Traefik for unified port access and SSL termination.
- Orchestrated cloud deployment on AWS EC2 while ensuring secure HTTPS access and comprehensive documentation for both manual and Docker-based deployments.
- Developed Ansible playbooks for automated deployment, cutting new environment setup time from 2 days to 2 hours and ensuring 100% consistency across 30 servers.

DevOps Engineer (Freelance)

Ginavis Ltd

Apr 2023 - Mar 2024

- Architected high-availability AWS infrastructure (VPC, Auto Scaling Groups, EC2, ELB, RDS Multi-AZ, S3, IAM, ElastiCache, CloudWatch, CloudFront, EFS, Route 53) for dual website deployment. Achieved 99.99% uptime and 30% cost reduction through optimization.
- Deployed secure infrastructure management using Ansible with Bastion Host architecture, resulting in reduced server provisioning time by 70% and enhanced security across 28 servers in private subnets.
- Developed automated CI/CD pipeline for multi-node Amazon EKS clusters using Terraform and Jenkins. Integrated GitHub webhooks for automatic triggers, resulting in an 75% reduction in deployment time and Git flow across 5 distinct stages.
- Launched a comprehensive observability stack in a Kubernetes cluster using Prometheus, Grafana and Loki. Improved mean time to resolution (MTTR) by 60%.

CERTIFICATIONS

- HashiCorp Certified Terraform Associate - Hands-On-Labs [Link](#)
- Certified Kubernetes Administrator - Udemy [Link](#)
- Linux System Administration - Udemy [Link](#)
- National Youth Service Corps
- BSc (Hons) Electrical & Electronics Engineering
- West African Senior School Certificate

TECHNICAL SKILLS

- **Programming:** Golang (Go), Bash (Shell Scripting)
- **System Administration:** Ubuntu & RedHat Enterprise Linux
- **Version Control System:** Git & GitHub
- **Cloud Computing:** AWS, Vagrant
- **Containerization:** Docker
- **Container Orchestration:** Kubernetes
- **Infrastructure as Code:** Terraform
- **Configuration Management:** Ansible
- **Continuous Integration & Continuous Deployment:** Jenkins, GitHub Actions & Gitlab
- **Continuous Delivery:** ArgoCD
- **Monitoring & Observability:** Grafana, Prometheus, Promtail & Loki

EDUCATION

University of Lagos

BSc (Hons) Electrical/Electronics Engineering

2012 - 2016