Donald Eke

DevOps Engineer | Site Reliability Engineer

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PROFESSIONAL SUMMARY

Goal-oriented professional with years of experience in building and maintaining highly available systems. Demonstrated success in driving cost optimization and operational efficiency through secure application deployments, continuous integration, scalable infrastructure provisioning and deep knowledge of cloud services in AWS and GCP. Excellent analytical, innovation and communication skills, fostering collaboration and promoting a modern DevOps culture with dedication to meet and exceed objectives.

AREAS OF EXPERTISE

TECHNICAL SKILLS

- **Container Orchestration**: Kubernetes
- **Infrastructure as Code**: Terraform
- **Containerization**: Docker
- **Cloud Computing**: AWS, GCP, Vagrant
- **System Administration**: Linux
- **Programming**: Golang (Go), Python

- **Configuration Management**: Ansible
- **CICD Tools**: GitHub Actions, Jenkins, Gitlab
- **Continuous Delivery**: ArgoCD, GitOps
- **Monitoring**: Grafana, Prometheus, Loki
- **Shell Scripting**: Bash
- **Version Control System**: Git & GitHub

PROFESSIONAL EXPERIENCE

Lead DevOps Engineer

Telex   *Sept 2024 - Present*

- Owned strategy and execution for a 6-person team in the migration of legacy backend and frontend apps to microservices architecture with Docker, decreasing infrastructure costs by 30%.
- Built CI/CD pipelines using GitHub Actions, minimizing deployment time by 40% and increasing release frequency of software from monthly to weekly for the Telex app.
- Deployed a monitoring, observability and logging solution improving troubleshooting, reducing Mean Time to Detect (MTTD) issues by 60% and increasing 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 resulting in a 25% reduction in resource consumption while maintaining performance. Customer feedback confirmed improved responsiveness and efficiency.

DevOps Engineer

Hotels.ng   *Jun 2024 - Aug 2024*

- Collaborated with the development team to containerize a full-stack web application using Docker, leveraging modern technology to reduce infrastructure costs by 33%.
- Demonstrated good knowledge of databases and ObjectRelationalMapping (ORM) in managing data for the full-stack web application.
- Configured a Proxy Manager with Traefik for unified port access and SSL termination, enabling secure communication between services and simplifying network management.
- Introduced user management and secure password handling automation with Bash scripts minimizing onboarding and administrative tasks by 50%.
- 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, truncating 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*

- Designed high availability AWS infrastructure (VPC, EC2, ELB, RDS, S3, IAM, CloudFront, EFS, Route 53) for a dual web application. Implemented robust networking, data backup and storage solutions achieving 99.9% uptime.
- Deployed a secure cloud infrastructure management solution using Ansible, achieving a 70% reduction in server provisioning time while adopting best practices for improving security compliance across 28 servers in private subnets.
- Managed and developed an automated CI/CD pipeline for a 15-node Amazon EKS cluster using Terraform, Jenkins and GitHub webhooks, leading to a 75% reduction in deployment time.
- Launched a comprehensive Kubernetes observability stack (Prometheus, Grafana & Loki) with Helm charts, this implementation improved mean time to resolution (MTTR) by 60%.

CERTIFICATION

- HashiCorp Certified Terraform Associate - Hands-On-Labs   *Link*
- Certified Kubernetes Administrator - Udemy   *Link*
- Linux System Administration - Udemy   *Link*
- BSc (Hons) Electrical & Electronics Engineering

EDUCATION

University of Lagos

BSc (Hons) Electrical/Electronics Engineering