Donald Eke

DevOps 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 Secured Application Deployments, Deep knowledge of Cloud Services, CI/CD Tools, Container Orchestration and Management, Configuration Management, Infrastructure Provisioning, Monitoring, Observability and assisting enterprises in establishing a modern DevOps culture.

WORK EXPERIENCE

Telex

Lead DevOps Engineer   ***Sept 2024 - Present***

- Led a 6 person team to implement a microservices architecture for the backend and frontend applications with Docker enhancing scalability and deployment consistency across environments.
- Built CI/CD pipelines using GitHub Actions for automated Build, Test and Deployment processes resulting in 40% reduction in release cycles for the Telex app.
- Implemented Monitoring and Observability solutions using Grafana, Loki, Promtail and Prometheus, enabling real-time tracking of the Telex's server and application metrics.
- Implemented DORA metrics to track key DevOps performance metrics including MTTR and Change Failure Rate, enhancing the efficiency of Telex's deployment cycles.
- Configured a Kubernetes Cluster to serve as a Self-Hosted GitHub Actions Runner improving CI/CD efficiency by 15% for Telex's cross-platform development.
- Achieved 25% reduction in infrastructure costs with Docker resource allocation resulting in optimized application efficiency.

Hotels.ng

DevOps Engineer   ***June 2024 - August 2024***

- Developed and implemented automated user management scripts and secure password handling systems with bash.
- Integrated messaging systems with RabbitMQ and Celery for asynchronous task processing.
- Containerized and Deployed a Full-Stack Web Application using Docker 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 of boilerplate applications on Ubuntu servers, Implemented secure user management, PostgreSQL database setup and Nginx Reverse Proxy configuration.

Ginavis Ltd

DevOps Engineer (Freelance)   ***April 2023 - March 2024***

- Designed high-availability AWS infrastructure (VPC, Auto Scaling Group, ALB, RDS Multi-AZ, EFS and Route 53) for 2 websites ensuring security and cost-efficiency.
- Implemented secure infrastructure management using Ansible with Bastion Host architecture to manage package installation and maintenance across multiple servers in private subnets.
- Implemented automated CI/CD pipeline for multi-node Amazon EKS clusters using Terraform and Jenkins, integrated GitHub webhooks for automatic triggers and utilized Git branching strategies for environment management.
- Designed and orchestrated a comprehensive observability stack in a Kubernetes cluster using Prometheus for efficient metrics collection and alerting, Grafana with multiple data sources for comprehensive visualization and Loki for log aggregation.

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**: Go
- **System Administration:** Ubuntu & RedHat Enterprise Linux
- **Version Control System:** Git & GitHub
- **Cloud Computing:** AWS, Vagrant
- **Containerization:** Docker
- **Container Orchestration & Management:** Kuberentes
- **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***