

Samuel Okorie

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Skills

Containerization: Kubernetes, Docker, Helm, Prometheus, Grafana, Rancher, HashiCorp Vault

CI/CD: Jenkins, ArgoCD, Flux, GitLab CI, GitHub Actions

Infrastructure as Code: Terraform, Ansible

Cloud Platforms: AWS (EC2, S3, RDS, ELB, EKS, Auto Scaling, IAM, VPC, Route53, Lambda, CloudWatch), DigitalOcean

Experience

DevOps, ActZero – Remote

Mar 2022 - Present

- Developed a Python-based Log Generator to automate Stellar XDR log conversion from Syslog to JSON, enhancing MDR in customer environments.
- Deployed web app to multiple Kubernetes clusters using ArgoCD with Hashicorp Vault for secret management.
- Optimized resource allocation with Kubernetes auto-scaling, cutting infrastructure costs by 25% during low demand.
- Simplified developer feedback by designing CI/CD pipelines for Microservices, integrating tools like Maven, Bitbucket, SonarQube, Nexus, Docker, and Slack.
- Led the migration of legacy applications to Microsoft Azure App Service via Azure DevOps CI/CD pipelines.

Cloud Support Engineer/IT Analyst, IntelliGO Networks – Toronto, CA

Jan 2019 - Feb 2022

- Improved visibility and incident response times by implementing ELK Stack and Grafana for logging and monitoring.
- Optimized cloud orchestration and automation with Terraform and Ansible for AWS/GCP resources, including EKS, VPC, EC2, and Route53.
- Integrated Jira with GitHub for progress tracking, automated security monitoring with Nexus IQ, and ensured code quality via SonarQube, using Jenkins.
- Automated Linux server deployments for firewall log collection using Terraform and configured network scanning VMs with Ansible.
- Reduced machine downtime tickets by 15% with Prometheus and Grafana uptime monitoring, managed vulnerabilities with Tenable.sc, and improved threat detection using AI-powered CrowdStrike and Stellar Cyber XDR.

System Administrator, Andela – Abuja, Nigeria

Sept 2014 - Nov 2018

- Hardening devices and systems through least-privilege account assignments, disabling unused services, enforcing encryption, and implementing robust password policies,

IT Technical Support, Nigerian Stock Exchange – Lagos, Nigeria

Oct 2011 - Aug 2014

- Enhanced the efficiency of the project team by 22% by preconfiguring Windows servers, Cisco switches, and Active Directory, optimizing setup and deployment processes.

Professional Development

Proxmox Homelab Environment:

- **Goal:** To further hands-on expertise in virtualization, containerization, CI/CD, and self-hosting open-source applications, with an aim to contribute to the technical community.
- **2-Node Proxmox Cluster:** Running Kubernetes, Docker, DHCP, DNS, and NAS, with Traefik as the reverse proxy for seamless service access.
- **Future Goals:** Pursue network traffic interception and ethical hacking to expand technical boundaries and enhance network security knowledge.

Education

Linux Foundation – Kubernetes Certified Administrator

August 2024

AWS – Solutions Architect

August 2023

Cambrian College of Science – Business Analytics

June 2022

University of Port-Harcourt – Bachelor of Science in Computer Science

May 2010