

# Samuel Okorie

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## Skills

**Key Technologies:** Kubernetes, Terraform, Docker, CI/CD, Infrastructure as Code, Cloud Platforms, Observability

**Programming Languages:** Python, GO, Bash, YAML, Groovy

**DevOps Tools:** Jenkins, ArgoCD, Flux, Kubernetes, Terraform, Ansible, Prometheus, Grafana

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

## Experience

### DevOps, ActZero – Remote

Mar 2022 - Present

- Designed and implemented comprehensive CI/CD pipelines using GitLab CI/CD, reducing deployment times from 1 hour to 7 minutes and enabling rapid, consistent software delivery
- Developed Kubernetes infrastructure with auto-scaling capabilities using Horizontal Pod Autoscaler (HPA), optimizing resource allocation and reducing infrastructure costs by 25%
- Created advanced monitoring and observability systems using Prometheus and custom alerting, improving system health tracking and enabling engineers to resolve issues 40% faster
- Automated developer environment setup with Docker Compose, reducing local environment configuration time from one day to just 5 minutes
- Implemented infrastructure as code practices, enhancing reproducibility and consistency across development and staging environments

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

Jan 2019 - Feb 2022

- Developed Python-based automation scripts for system backups, data recovery, and log transformation, reducing data loss risks and recovery times by 30%
- Automated Linux server deployments for network logging using Terraform and Ansible, streamlining infrastructure provisioning
- Implemented comprehensive monitoring solutions with Prometheus and Grafana, reducing machine downtime tickets by 15%
- Enhanced threat detection capabilities by integrating AI-powered security tools and implementing robust vulnerability management processes
- Supported cross-functional teams in designing and maintaining cloud infrastructure and security systems

### System Administrator, Andela – Abuja, Nigeria

Sept 2014 - Nov 2018

- Implemented robust security hardening strategies, including least-privilege access controls, service minimization, and comprehensive encryption policies
- Developed and maintained system configurations that prioritized security, performance, and scalability
- Streamlined system administration processes through strategic automation and standardized deployment practices

### IT Technical Support, Nigerian Stock Exchange – Lagos, Nigeria

Oct 2011 - Aug 2014

- Optimized server and network infrastructure by preconfiguring Windows servers, Cisco switches, and Active Directory
- Improved project team efficiency by 22% through strategic infrastructure setup and deployment methodologies
- Supported comprehensive IT infrastructure management and technical support operations

## Education

**Cambrian College of Science** – Business Analytics

June 2022

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

May 2010

### Certifications:

Linux Foundation – Kubernetes Certified Administrator

AWS – Solutions Architect

Red Hat - Certified System Administrator