

# Daniel Okoye

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[Github](#) | [LinkedIn](#)

## Professional Summary

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Results-driven DevOps Engineer with 5+ years of experience in automating, deploying, and securing cloud-based infrastructure. Proficient in CI/CD pipelines, Infrastructure as Code (IaC), Kubernetes security, and cloud security automation. Adept at integrating security best practices into DevOps workflows, ensuring high availability, scalability, and compliance across cloud environments.

## Experience

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### Sabino LTD

*DevOps Engineer*

Uyo, AK

June, 2022 - Present

- Implemented and maintained CI/CD pipelines for multiple teams using Jenkins and GitLab, reducing deployment time by 30%.
- Automated cloud infrastructure provisioning using Terraform and AWS CloudFormation, ensuring consistent and secure environments.
- Led migration of applications to Kubernetes clusters, optimizing resource utilization and improving scalability.
- Developed custom monitoring and alerting solutions using Prometheus and Grafana, leading to a 25% reduction in incidents.
- Collaborated with development teams to optimize microservices architecture, ensuring seamless container orchestration using Helm and Kubernetes.
- Spearheaded an initiative to improve security by integrating automated vulnerability scanning into CI/CD pipelines (using tools like SonarQube and AWS Inspector)

### GramDech Inc

*DevOps Engineer*

Uyo, AK

February, 2021 - March 2022

- Assisted in designing and implementing automated deployment solutions for cloud-based environments (AWS).
- Managed Docker-based container environments, supporting development and QA teams for quicker iteration.
- Introduced centralized logging using ELK Stack, improving debugging capabilities across the organization.
- Supported day-to-day operations by managing virtual machines, patching, and system backups on both Windows and Linux servers.
- Automated routine tasks with Python and Bash, saving an average of 4 hours per week for the operations team.

## Skills

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- **Cloud Platforms:** AWS, Azure, Google Cloud Platform (GCP), Linode
- **CI/CD Tools:** Jenkins, GitHub Actions, Docker Swarm
- **Containers & Orchestration:** Docker, Kubernetes, Helm
- **Infrastructure as Code:** Terraform, CloudFormation, Ansible
- **Security & Compliance:** DevSecOps, Infrastructure security, IAM, Security Automation
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Datadog
- **Version Control:** Git, GitHub
- **Scripting & Programming:** Python, Bash, PowerShell, Golang, JavaScript
- **Other Tools:** Nginx, Apache, Vagrant, Vault
- **Networking & Security:** VPN, Firewalls, Zero Trust Architecture

## Projects

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### Secure Terraform IaC Modules

- Built modular Terraform configurations for secure AWS infrastructure provisioning.
- Configured VPC, EC2, RDS, and S3 with automated security groups and encryption.
- Enforced security policies with Terraform Sentinel, integrated AWS CloudWatch and Prometheus for monitoring.

### Kubernetes Security Automation

- Developed a cluster-agnostic security framework for Kubernetes environments.
- Implemented RBAC policies, network segmentation, Pod Security Policies (PSP), and admission controllers.
- Automated vulnerability scanning using Trivy and Falco, ensuring runtime security enforcement.

### Centralized Monitoring System (ELK Stack)

- Built a CI/CD security pipeline integrating SonarQube (SAST), Snyk (SCA), and Anchore (container security).
- Deployed runtime security policies using Open Policy Agent (OPA).
- Enhanced incident response capabilities with automated log analysis.