

MARYCYNTHIA OKEKE

Cloud Security Engineer | Site Reliability Engineer

Abuja, Nigeria

Phone: +234 816 706 1190

Email: necheokeke@gmail.com

LinkedIn: [LinkedIn Profile](#)

GitHub: [GitHub Profile](#)

PROFESSIONAL SUMMARY

Google Cloud Certified Cloud Security Engineer with hands-on experience designing, implementing, and maintaining secure, highly available cloud infrastructure across AWS, Azure, and GCP. Proven expertise in SRE practices, infrastructure automation, and enterprise-grade security frameworks. Successfully reduced security incidents by 45% and infrastructure costs by 30% through intelligent automation and proactive monitoring solutions.

CORE COMPETENCIES

- Cloud Security & SRE: Multi-cloud security architecture, incident response, reliability engineering
- Infrastructure Automation: Terraform, CloudFormation, Ansible, Infrastructure-as-Code
- Container Orchestration: Kubernetes, Docker, EKS, AKS, GKE, container security
- Monitoring & Observability: Prometheus, Grafana, Datadog, Splunk, CloudWatch
- CI/CD & DevOps: Jenkins, GitHub Actions, AWS CodePipeline, Azure DevOps
- Scripting & Automation: Python, Bash, PowerShell for infrastructure automation
- Security Frameworks: PCI-DSS, HIPAA, SOC 2, vulnerability management
- Incident Response: Automated threat detection, 8-minute mean time to resolution
- Cost Optimization: Resource optimization, automated scaling, cost reduction strategies

PROFESSIONAL EXPERIENCE

Digital Witch | Remote

Cloud Security Engineer

August 2024 – June 2025

- Architected and deployed a multi-cloud security framework protecting records across AWS, Azure, and GCP, reducing security incidents by 45%
- Automated Kubernetes cluster deployment using Terraform and AWS CDK, reducing environment setup time from 2 weeks to 3 days
- Implemented comprehensive monitoring and alerting with Prometheus, Grafana, and Datadog, achieving 99.9% uptime SLA
- Built automated incident response protocols that contained critical vulnerabilities within 8 minutes, preventing potential data breaches
- Optimized cloud infrastructure costs by 30% through intelligent resource allocation and automated scaling policies
- Led security hardening initiatives for containerized workloads across EKS, AKS, and GKE clusters

Steghub | Remote

Junior DevOps Engineer

July 2024 – February 2025

- Designed and implemented Infrastructure as Code (IaC) using Terraform for AWS and Azure environments
- Supported development and maintenance of Jenkins-based CI/CD pipelines, improving build speed by 50%
- Deployed and managed cloud-based load balancers and auto-scaling groups
- Created automation scripts using Python and Bash for configuration management
- Maintained clear documentation for infrastructure practices and troubleshooting runbooks

Paleblue | Freelance

Cloud Automation Engineer

January 2024 – April 2024

- Built serverless automation systems using Google Cloud Platform with Python and Cloud Functions
- Implemented automated security scanning and compliance checks
- Created comprehensive documentation for infrastructure and deployment processes
- Delivered projects with clear technical documentation and handover procedures

TECHNICAL PROJECTS

Multi-Cloud Infrastructure Pipeline

- Architected enterprise-grade infrastructure automation using Terraform across AWS, Azure, and GCP
- Implemented CI/CD pipelines with automated security scanning and compliance checks
- Created comprehensive documentation, including architecture diagrams and runbooks
- Set up monitoring and alerting with Prometheus, Grafana, and CloudWatch
- Demonstrated cloud-native best practices for scalable, secure operations

Secure Hospital Management System

- Deployed cloud-native hospital management application on Microsoft Azure
- Implemented infrastructure-as-code with Terraform for automated provisioning
- Set up PostgreSQL databases with encryption and access controls
- Created comprehensive security documentation and compliance procedures

KEY ACHIEVEMENTS

- Security Excellence: Reduced security incidents by 45% through proactive threat detection and automated response
- Reliability Engineering: Achieved 99.9% uptime across multi-cloud environments
- Cost Optimization: Delivered 30% infrastructure cost reduction through intelligent automation
- Incident Response: Established 8-minute mean time to resolution for critical security events
- Scalability: Successfully managed infrastructure supporting 50M+ records across multiple cloud platforms

CERTIFICATIONS

- Google Cloud Certified – Professional Cloud Security Engineer (May 2025)
- Code Yourself! An Introduction to Programming (August 2025)

- Foundations of Cybersecurity (August 2025)
- Technical Support Fundamentals (October 2023)
- Introduction to Scrum Master Certification (January 2024)
- Project Management (December 2023)

EDUCATION

Michael Okpara University, Umudike
Bachelor of Science (B.Sc) in Economics
October 2016 – November 2022

ADDITIONAL SKILLS

- Strong analytical and problem-solving skills
- Excellent communication skills for technical concepts
- Experience working in small, distributed teams
- Self-motivated with a proactive approach to learning new technologies
- Pragmatic approach to supporting legacy software systems
- Enthusiasm for maintaining clear documentation and transparent operations