

Emmanuel Naweji

Principal SRE | DevOps | Cloud & AI Platform Architect

Crooks, SD • (605) 941-7280 • emmanuelnt02@gmail.com • [linkedin.com/in/ready2assist](https://www.linkedin.com/in/ready2assist) • github.com/Here2ServeU • emmanuelnaweji.com

Professional Summary

Principal-level SRE, DevOps Architect, and Cloud AI Platform Engineer with 10+ years of experience designing and operating large-scale distributed systems across AWS, Azure, and hybrid environments. Trusted by IBM and Comcast to build observable, resilient, and secure platforms at global scale. PhD candidate (AI/ML) focused on AI-driven reliability engineering and predictive incident management.

Professional Experience

IBM Senior Infrastructure & SRE Specialist 2024 – Present

- Architected enterprise-scale Golden Platform using Terraform, Kubernetes, GitOps, and ArgoCD across regulated multi-cloud environments (AWS, Azure, OpenShift).
- Built tool-agnostic observability platform integrating Prometheus, Grafana, OpenTelemetry, Datadog, Dynatrace, and Splunk, reduced MTTR by 45% through AI-assisted anomaly detection.
- Implemented self-healing infrastructure automation via Python remediation workflows and Kubernetes controllers; embedded SOC2/ISO/Zero-Trust policy-as-code with GitHub Actions.
- Established Docs-as-Code Engineering Knowledge Base covering architecture decisions, runbooks, and incident response, accelerating onboarding and high-severity response.

Comcast Senior DevOps & Platform Engineer 2022 – 2024

- Managed EKS, AKS, and GKE clusters processing 1M+ transactions/minute across multi-region Kubernetes infrastructure platforms.
- Built CI/CD pipelines (Jenkins, GitHub Actions, ArgoCD) and integrated ML models with Prometheus telemetry for predictive incident detection.
- Led FinOps initiatives with AI-driven spend governance, cutting cloud costs by 25%; enforced infrastructure governance via Terraform + OPA policy validation.

Trinitech Consulting Cloud & Automation Engineer 2015 – 2022

- Led multi-cloud migrations (AWS, Azure, GCP) using Terraform and Ansible for healthcare and financial sector clients.
- Developed Python framework for CIS security hardening and automated compliance; built FinOps dashboards and Splunk analytics for real-time monitoring and root cause analysis.

Core Platform Expertise

Cloud Platforms: AWS · Azure · GCPlAC: Terraform · Terragrunt · Ansible

Containers: Kubernetes · OpenShift · DockerCI/CD &

GitOps: ArgoCD · GitHub Actions · Jenkins · Helm

Observability: Prometheus · OpenTelemetry · Datadog · SplunkAI/ML

Ops: Python · Scikit-learn · Predictive Anomaly Detection

Governance & Security: OPA · Zero-Trust · SOC2 · ISO · IAM

Research: AIOps · Incident Triage · Autonomous Remediation

Certifications

- AWS Certified Solutions Architect, Professional
- Microsoft Azure Solutions Architect Expert (AZ-305)
- Certified Kubernetes Administrator (CKA) • HashiCorp Terraform Associate
- AI / ML Specialization – Coursera

Education

Ph.D. (In Progress) – Computer Science, AI & Machine Learning | National University

Research: AI-driven reliability engineering · Predictive anomaly detection · Autonomous remediation for distributed platforms

M.S. – Human Resources Management | DeVry University

Doctor of Ministry | University of Dubuque

B.S. – Agriculture & Business | Africa University