

## Emmanuel Nawaji

### Senior Cloud, Site Reliability, and DevOps Engineer

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[Location](#): Crooks, SD

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## SUMMARY

Experienced DevOps & Site Reliability Engineer with 9+ years of expertise in designing, automating, and securing scalable cloud infrastructures. Proven track record of delivering high-availability systems (99.999% uptime), optimizing CI/CD workflows, and enforcing security compliance. Adept at transforming enterprise DevOps strategies with Infrastructure as Code (IaC), container orchestration, and continuous monitoring across AWS, Azure, and hybrid cloud environments.

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## CORE COMPETENCIES

- **Cloud Platforms**: AWS, Azure, Google Cloud Platform, Hybrid Cloud, Cloudflare
  - **IaC**: Terraform, CloudFormation, Ansible
  - **CI/CD**: Jenkins, GitHub Actions, GitLab, ArgoCD, Bamboo CICD
  - **Containers**: Kubernetes (EKS, AKS, and GKE), Docker, Helm
  - **Observability**: ELK, Prometheus, Grafana, Dynatrace, New Relic, Splunk
  - **Scripting**: Python, Bash, JavaScript, PowerShell
  - **Security**: Prisma Cloud, Twistlock, IAM, WAF, FedRAMP, NIST
  - **Version Control**: GitHub, GitLab, Bitbucket
  - **Compliance**: SOC2, ISO 27001, HIPAA, PCI-DSS
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## PROFESSIONAL EXPERIENCE

### IBM - Infrastructure Specialist (01/2024 - Present)

- Planned and executed seamless migrations of workloads and services across cloud and hybrid environments.
- Lead security improvements and infrastructure optimization for cloud and on-premises platforms.
- Automated cloud and on-prem security measures and compliance policies to enhance operational efficiency.

### Comcast - Senior DevOps Engineer (11/2022 - 03/2024)

- Built and maintained high-performance CI/CD pipelines, reducing deployment times by 60%.

- Automated infrastructure with Terraform and CloudFormation, decreasing manual provisioning by 80%.
- Enabled real-time monitoring using Prometheus, Grafana, and ELK to manage issues proactively.
- Designed multi-cloud strategies for AWS and Azure to enhance availability and cost optimization.
- Fostered DevSecOps collaboration across development, security, and SRE teams.
- Utilized Python for backend scripting and AWS integrations across deployment pipelines.
- Implemented Argo Workflows and Kubeflow Pipelines to support scalable ML and data pipelines.

### **Trinitech Consulting - Systems/DevOps Engineer (01/2016 - 10/2022)**

- Delivered secure, compliant infrastructure across Linux, Solaris, and Windows environments.
- Integrated automated security testing in CI/CD pipelines, reducing vulnerabilities by 40%.
- Implemented FinOps strategies and auto-scaling for 30% annual cost savings.
- Developed automated patching and incident response systems, cutting resolution times by 50%.
- Supported cloud automation and microservices architecture using AWS and Python scripting.
- Designed and deployed Argo Workflows and Kubeflow Pipelines to streamline ML processes and automation.

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### **KEY ACHIEVEMENTS**

- Reduced infrastructure provisioning time by 80% with IaC automation.
- Decreased incident resolution time by 40% through intelligent observability and alerts.
- Secured Kubernetes workloads with runtime defense and IAM best practices.
- Saved 25% on cloud costs via automated scaling and predictive analysis.
- Delivered zero-downtime deployments using blue-green and canary strategies.
- Ensured regulatory compliance (FedRAMP, NIST) through proactive cloud governance.

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### **CERTIFICATIONS**

- AWS Certified Solutions Architect - Associate
- Microsoft Azure AZ-305 - Designing Infrastructure Solutions
- Certified Kubernetes Administrator (CKA)
- HashiCorp Certified: Terraform Associate

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## EDUCATION

- **Cloud & DevOps Certificate** - Intellipaat & BellHaven University, 2022
- **Master of Human Resources Management** - DeVry University, 2018-2020
- **Doctor of Ministry** - University of Dubuque, 2012-2016
- **Bachelor of Science** - Africa University, 2001-2005