

Solomon Nnajeze

DevOps Engineer

snnajeze@gmail.com • linkedin.com/in/snnajeze • github.com/snnajeze

Available from: Open to fully remote DevOps, Cloud Engineering, and SRE roles worldwide — available across US, UK, and global time zones with consistent working hour overlap.

Professional summary

Results-driven DevOps Engineer with 7+ years of technical experience designing, provisioning, and maintaining cloud infrastructure, CI/CD pipelines, and containerized deployments for production systems. Deep expertise in AWS (EC2, S3, RDS, VPC, IAM, CloudFront), Docker, Linux server administration, Nginx, Jenkins, GitHub Actions, Terraform, and Grafana monitoring. Proven ability to optimize infrastructure performance — including a 12x reduction in application response time on a university-scale RAG system serving 80,000+ users. Experienced working across the full deployment lifecycle: from infrastructure-as-code provisioning and containerization to pipeline automation, observability, and technical documentation. Collaborative team player with a security-first mindset and a track record of zero-downtime production operations.

Experience

Chioma AI, DevOps Engineer (Project) — University RAG Application 2025 – 2026

- Sole DevOps engineer responsible for the full infrastructure lifecycle of an AI RAG application deployed for a university with 80,000+ students — supporting the embedding and indexing of 3,000,000+ PDF documents into PostgreSQL.
- Provisioned the complete AWS cloud infrastructure from scratch — including EC2 compute, RDS database, S3 storage, VPC with public and private subnets, and IAM roles — optimized specifically for the high-throughput document embedding workload.
- Built and maintained Jenkins CI/CD pipelines enabling automated multi-environment deployments — eliminating manual SSH-based deployment processes entirely and reducing deployment time from hours to minutes.
- Dockerized the full Chioma AI application stack, creating reproducible container environments that resolved all development-to-production parity issues and standardized the deployment process across the team.
- Integrated Grafana for real-time monitoring of all infrastructure resources including CPU utilization, memory, storage, and application logs — ensuring zero unplanned downtime post-launch.
- Optimized infrastructure configuration, query execution, and resource allocation — reducing RAG application request time from over 60 seconds to 5 seconds, a 12x performance improvement.
- Provided developer support for environment setup, deployment troubleshooting, and production issues — reducing developer-blocking incidents significantly.
- Authored comprehensive Wiki documentation covering infrastructure provisioning, CI/CD pipeline operation, environment configuration, and deployment procedures — enabling the team to manage the system independently.

Chioma AI, Chioma AI RAG Infrastructure — Performance Optimization 2025 – 2026

- Reduced RAG query response time from 60+ seconds to 5 seconds (12x improvement) through infrastructure optimization, connection pooling configuration, and resource right-sizing on AWS RDS and EC2.
- Successfully provisioned infrastructure supporting the ingestion and embedding of 3,000,000+ PDF documents into PostgreSQL for a university e-library serving 80,000+ students.
- Zero unplanned downtime achieved post-launch through proactive Grafana monitoring and alert configuration.

Samba-Data R&D, DevOps Engineer Oct 2025 – Sep 2026

- Implemented and maintained CI/CD pipelines with shell scripting to automate build, test, and deployment processes — reducing manual deployment time by over 80% and improving release frequency and consistency.
- Designed and managed cloud infrastructure on AWS including EC2 instances, RDS databases, S3 storage, VPC networking, and IAM access control — ensuring high availability, security, and cost efficiency.
- Containerized applications using Docker and Docker Compose for consistent, reproducible environments across development, staging, and production — eliminating environment-parity issues.
- Monitored system performance using Grafana dashboards and alerting — proactively identifying and resolving production issues before they impacted end users.

- Configured and maintained Nginx as a reverse proxy with SSL termination, load balancing, and performance tuning for production web services.
- Collaborated with cross-functional engineering teams to define deployment standards, improve release processes, and deliver production-ready infrastructure.

FullStackLabs, CI/CD & IaC Challenge

2025

- Delivered a complete Terraform infrastructure deployment to AWS S3 and CloudFront with Origin Access Control, OIDC-based GitHub Actions authentication (eliminating static credentials), and S3-native Terraform state locking.
- End-to-end CI/CD pipeline automated build, infrastructure provisioning, and deployment on every push to main — with full environment reproducibility from scratch in under 10 minutes.

C4CSignals, Production AWS Infrastructure

2022 – 2025

- Provisioned and maintained full AWS production environment (EC2, RDS, S3, VPC, IAM) for a live financial signals platform — achieving consistent uptime over a 4-year operational period with zero critical infrastructure failures.
- Maintained automated backup and restore policies for the production RDS database behind a live web service, containerized application deployment with Docker, and Nginx reverse proxy with SSL termination, with zero data loss incidents.

SwitchCoins Global Ltd., Full Stack Developer / DevOps Support

Feb 2021 – Apr 2022

- Managed cloud-based application infrastructure hosted on DigitalOcean and AWS — including server provisioning, configuration management, and ongoing maintenance for production Laravel systems.
- Configured and maintained Nginx and Apache web servers on Linux VPS environments — including virtual host setup, SSL certificate management, and performance optimization.
- Implemented and enforced Git-based deployment workflows across the development team — improving release coordination and reducing deployment errors.
- Supported database administration on MySQL including schema management, query optimization, and backup configuration for high-volume production databases.
- Assisted with server and application troubleshooting in production environments — diagnosing and resolving incidents to minimize downtime.

BFA Digital Tech, Web Developer & Infrastructure Support

Jul 2019 – Jan 2021

- Managed cloud server environments on DigitalOcean — including application deployments, server hardening, and routine maintenance for client production systems.
- Built and maintained technical documentation for infrastructure setup, deployment procedures, and system configurations for internal and client use.
- Supported developers with environment setup, deployment challenges, and production debugging — improving team delivery speed.
- Trained 60+ students in web development and server fundamentals — strengthening technical communication and documentation skills.

Vision Data Techs, Junior Web Developer & Network Administrator

Aug 2015 – Jun 2019

- Set up and maintained LAN/WLAN networks, routers, switches, and basic firewall configurations for client office environments.
- Supported on-premise server infrastructure and assisted with system administration and network troubleshooting.
- Developed and deployed web portals for schools and businesses on shared and VPS hosting environments.

Skills

Core Competencies – Cloud Platforms: AWS (EC2, S3, RDS, IAM, VPC, CloudFront, Route 53), DigitalOcean.

Core Competencies – Containerization: Docker, Docker Compose, image building, multi-stage builds, container orchestration.

Core Competencies – CI/CD & Automation: Jenkins, GitHub Actions, GitLab CI (basic), automated build/test/deploy pipelines, pipeline-as-code.

Core Competencies – Infrastructure as Code: Terraform, modular IaC, remote state management, S3 backend, state locking.

Core Competencies – Web & Proxy Servers: Nginx (reverse proxy, load balancing, SSL termination), Apache, VPS management.

Core Competencies – Monitoring & Observability: Grafana (dashboards, alerting, log analysis), system metrics, uptime monitoring, log aggregation.

Core Competencies – Operating Systems: Linux (Ubuntu, CentOS), administration, hardening, scripting, networking, process management.

Core Competencies – Scripting & Dev: Bash scripting, Python (automation scripts), Git, REST APIs, Webhooks.

Core Competencies – Security & Networking: IAM roles and policies, OIDC authentication, VPC networking, security groups, SSL/TLS, firewall configuration.

Core Competencies – Databases: MySQL, PostgreSQL (RDS), database backup strategies, replication, performance tuning.

Core Competencies – Version Control: Git, GitHub, GitLab, branching strategies, pull request workflows, release management.

Core Competencies – Collaboration: Technical documentation, Wiki authoring, developer support, cross-functional team collaboration.

Technical Skills – Cloud & Infrastructure: AWS (EC2, S3, RDS, VPC, IAM, CloudFront, Route 53), DigitalOcean, VPS management.

Technical Skills – Containerization: Docker, Docker Compose, container networking, multi-stage builds, image optimization.

Technical Skills – CI/CD Pipelines: Jenkins, GitHub Actions, pipeline-as-code, automated testing and deployment, blue-green deployment strategies.

Technical Skills – Infrastructure as Code: Terraform, modular configurations, remote state, state locking, AWS provider.

Technical Skills – Monitoring: Grafana, log aggregation, metrics dashboards, alerting, uptime monitoring, incident response.

Technical Skills – Web Servers: Nginx, Apache, reverse proxy, load balancing, SSL/TLS, virtual host configuration.

Technical Skills – Linux & Scripting: Ubuntu, CentOS, Bash scripting, cron jobs, process management, system hardening.

Technical Skills – Databases: MySQL, PostgreSQL (AWS RDS), query optimization, replication, backup and recovery.

Technical Skills – Security: IAM policies, OIDC, security groups, VPC networking, SSL certificate management, principle of least privilege.

Technical Skills – Version Control: Git, GitHub, GitLab, branching strategies, code review workflows.

Technical Skills – Networking: LAN/WLAN, firewalls, TCP/IP, HTTP/HTTPS, load balancing.

Technical Skills – Additional: Python (scripting), PHP (backend context), REST APIs, Webhooks, technical documentation.

Education

Continuous learner — active hands-on practice in cloud-native architecture, container orchestration, infrastructure-as-code, site reliability engineering, and AI-integrated deployment pipelines.

Additional Information

- Open to fully remote DevOps, Cloud Engineering, and SRE roles worldwide — available across US, UK, and global time zones with consistent working hour overlap.
- Security-first approach to every infrastructure decision: least privilege IAM, network isolation, encrypted storage, and OIDC-based authentication are standard practice — not afterthoughts.
- Strong technical documentation culture: every system I manage is documented at the infrastructure, deployment, and runbook level so teams remain independent.
- Comfortable working as the sole DevOps engineer on a team or embedded within a larger platform/infrastructure group — experienced in both contexts.