

Jessica Chioma Chimex

DevOps Engineer

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I am a results-driven DevOps Engineer specializing in cloud computing (AWS, Azure), containerization (Docker, Kubernetes), and CI/CD (Jenkins, GitHub Actions). I have consistently delivered success in optimizing deployment cycles and enhancing infrastructure efficiency through automation and IaC with Terraform. My expertise lies in reducing build times and improving scalability while bringing innovative solutions to remote work environments.

Experience

Lead DevOps Engineer

Patara

📅 Aug 2024 — Present

📍 Remote

- Dockerized blockchain backend application integrating NodeJS, MongoDB, and Redis, reducing deployment time by 60%.
- Implemented CI/CD pipeline using Jenkins ensuring 99.9% uptime through zero-downtime deployments.
- Set up NGINX reverse proxy with Certbot for SSL integration, enhancing API security.
- Implemented Grafana and Prometheus for monitoring Sui Network blockchain node.
- Optimized Rust API containerization, reducing build time from 1 hour to 15 minutes.

DevOps Engineer 1

HNG.Tech

📅 Jun 2024 — Aug 2024

📍 Remote

- Engineered multi-environment CI/CD pipeline for Next.js application using GitHub Actions, reducing deployment time by 70%.
- Implemented DORA metrics improving lead time by 40% and reducing MTTR by 60%.
- Created comprehensive documentation and optimized CI/CD pipelines, reducing build times by 25%.

DevOps Engineer 1

Notus Labs

📅 Jun 2023 — Jun 2024

📍 Remote

- Handled infrastructure development for Notus Network, reducing deployment time by 40%.
- Architected Explorer application with AWS load balancer improving system availability to 99.95%.
- Optimized AWS infrastructure resulting in 20% cost savings and 15% improvement in access speeds.

Education

BSc Information Technology

Richfield College - Graduated with Cum Laude

📅 2019 — 2022

📍 South Africa

Projects

Telex Application Deployment

Deployed Telex application to Kubernetes cluster implementing Helm, ArgoCD, AWS EKS, and Terraform.

Certifications

- [AWS Certified Cloud Practitioner](#)
- [AWS Certified Solutions Architect Associate](#)

Hard Skills

Programming Languages: Python, Bash, TypeScript

Cloud Platforms: AWS, Azure

Containerization & Orchestration: Docker, Kubernetes, Helm, Kustomize

CI/CD & Version Control: Jenkins, GitHub Actions, GitLab, Git, ArgoCD

Infrastructure as Code: Terraform, Ansible

Monitoring & Logging: Prometheus, Grafana, ELK Stack

Web Servers & Proxies: NGINX, Certbot

Databases: MongoDB, Redis

Soft Skills

- Technical Leadership
- Cross-team Collaboration
- Problem Solving
- Documentation
- Process Optimization
- Time Management

Community Involvement

- Technical writer at Dev.to, publishing articles on DevOps best practices and cloud architecture
- Mentor for junior DevOps engineers in online tech communities (DevOps Dojo)
- Regular speaker at local DevOps and cloud computing meetups
- Host regular X (Twitter) Spaces sessions to inspire and guide newcomers in their DevOps career path