

Daniel Musyoki

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SUMMARY

DevOps Engineer / Full Stack Developer with X years of experience designing, deploying, and automating scalable cloud and web applications. Skilled in CI/CD, containers, and full-stack development using [tech stack]. Passionate about reliability, performance, and team collaboration.

SKILLS

DevOps: AWS | Docker | Kubernetes | Jenkins | Terraform | Ansible | CI/CD Pipelines | Monitoring (Prometheus, Grafana)

Programming: JavaScript | Node.js | Python | Bash | React | Express | REST APIs | Next.js

Databases: PostgreSQL | MongoDB | Redis

Tools: Git | Linux | Nginx | CloudFormation | GitHub Actions

EXPERIENCE

Independent Software Engineer

Self-Directed Engineering Projects

2025 — Present

Designed and built <https://app.danrow.tech> MonitorX, a production-ready infrastructure monitoring SaaS.

Architected scalable REST APIs using Node.js and Fastify.

Implemented real-time metrics streaming with Socket.IO.

Designed PostgreSQL databases hosted on Neon with production deployment.

Deployed production services using Render and Vercel with GitHub-based CI/CD

Full-Stack Developer | [Company Name] | [Start – End]

- Developed RESTful APIs in Node.js/Express and integrated React front-end.
- Optimized database queries (PostgreSQL, MongoDB) to enhance API response time by 40%.
- Deployed containerized applications on AWS ECS with load balancing and SSL.

Cloud Native & DevOps Engineer

Personal Engineering Lab

2025 — Present

Containerized applications using Docker.

Worked with Kubernetes Deployments, Pods, Services and ConfigMaps.

Automated Linux workflows using Bash, Python and Ansible.

Implemented cloud-native deployment workflows and observability practices.

Managed production-ready environments following DevOps best practices.

PROJECTS

CI/CD Portfolio (GitHub)

- Implemented a complete CI/CD pipeline for a MERN app using GitHub Actions + Docker + AWS.

Sudoku Solver API

- Built an Express API with unit & functional tests (Mocha, Chai) and deployed via Nginx on Ubuntu.

EDUCATION

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate

- Docker Certified Associate
- Freecodecamp Full Stack Development Certification
- KCNA certificate from Linux Foundation
- Prometheus Certificate from Linux foundation
- SRE certificate from Linux Foundation