

# Moses Otim Okile

## DevOps Engineer & Fullstack Developer

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🌐 LinkedIn    🔗 Portfolio Website    🏠 Github

### 👤 Professional Summary

**DevOps Engineer** skilled in **Docker, Kubernetes, Jenkins, Terraform, AWS, CI/CD, Linux**, and **Git**, with knowledge of **Infrastructure as Code**, cloud deployment, and application monitoring. Effective Agile collaborator, capable of independently delivering scalable, secure solutions.

**Full-Stack (MERN):** Skilled across the software development lifecycle, from designing responsive React front-ends and developing secure **Node.js/Express RESTful APIs** to containerizing, automating, and deploying applications.

### 🧠 Technical Skills

**DevOps & Cloud:** AWS, Docker, Compose, Kubernetes (kubeadm, kubectl, kubelet, RBAC), Jenkins, GitHub Actions, Terraform, Ansible (Jinja2), Linux, Shell, CI/CD, IaC, Prometheus, Grafana.

**Web Servers:** Nginx, Apache (httpd), Tomcat.

**Backend:** Node.js, Express.js, REST APIs, JWT, bcrypt, MongoDB, Mongoose, MySQL, PostgreSQL, Maven.

**Frontend:** React, JavaScript (ES6+), Typescript, HTML5, CSS3, jQuery, Responsive Design.

**Version Control & Tools:** Git, GitHub, VS Code.

**AI-Assisted Development:** Claude, GitHub Copilot, AI coding, debugging, code analysis, documentation.

### 📁 Experience

**DevOps Engineer** 11/2025 – Present | Berlin, Germany  
*Applied coursework experience through industry-level hands-on projects:*

- Built and deployed containerized applications on AWS using Docker and Kubernetes, automating CI/CD pipelines with Jenkins and GitHub Actions.
- Provisioned infrastructure with Terraform and Ansible, administering Linux environments and applying Agile and DevOps best practices.
- Configured Prometheus and Grafana to monitor application and infrastructure performance.
- Supported end-to-end application deployment, containerizing full-stack applications and maintaining secure, production-ready environments.

**News Reporter/ Freelancer, The Weekly Message Newspaper** 03/2008 – 11/2023 | Uganda & Germany

- Delivered over 700 accurate, well-researched reports under tight deadlines across multiple media platforms.
- Collaborated with editors and cross-functional teams, strengthening communication, improved quality news reports, and time-management skills leading higher ROI for the company.

### 📁 Projects

**B-Safe** 07/2026  
Built a full CI/CD pipeline using Jenkins, Docker, AWS EC2, and Docker Hub for automated build, testing, and deployment of containerized applications.

**K8s - Multi-Tier WordPress & MySQL Deployment** 12/2025  
Deployed a multi-tier WordPress/MySQL application on Kubernetes, configuring deployments, services, persistent storage, RBAC, and namespaces. Bootstrapped the cluster with kubeadm and managed it using kubectl.

**Health Balance Hub** 09/2025 – 11/2025  
Built a fullstack-MERN wellness platform as part of a 4-person Agile Scrum team over 6 sprints. Independently extended the project afterwards with Docker/Docker Compose containerization and deployment to Cloud.

### 🎓 Education | Certification

**DevOps Engineer Masters Program (IBM), SimpliLearn** 11/2025 – Present | Berlin, Germany

**Web and Software Development, DCI Digital Career Institute** 09/2024 – 11/2025 | Berlin, Germany

**Bachelor of Journalism & Mass Communication (BJMC)** 08/2010 – 08/2013 | Kampala, Uganda  
*Ndejje University*

### 🌐 Languages

English  
Fluent

German  
C1