Eric Ngigi

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Summary

DevOps Engineer driving scalable, reliable, and cost-efficient cloud solutions. Expert in CI/CD, Docker and AWS, with a track record of reducing downtime, accelerating deployments, and enabling business continuity. Passionate about optimizing infrastructure and delivering measurable operational impact.

Work Experience

DevOps Engineer September 2026 - Present
Cultural Skies *Remote, Chicago, Illinois*

- Kept 8 hosted PHP applications at 99.X% uptime by maintaining the Windows Server and Plesk environment, including patching, monitoring and backups.
- Cut failed releases by 99% by building a custom CI/CD pipeline for PHP on Plesk that tests every change in pre-production before it reaches production.

AWS Solutions Architect Nov 2025 - June 2026
Saferider Management Systems Limited *Nairobi, Kenya*

- Cut manual deployment errors by 50% across 3 environments by migrating legacy apps to AWS ECS and ECR with zero downtime and standardizing CI/CD with Terraform, Ansible, GitHub Actions and Docker.
- Reduced security incidents by 40% across 12 services in 5 months by implementing AWS IAM policies, GuardDuty, vulnerability scanning and automated patch management.
- Saved 8 hours per week of alert and release triage by building n8n workflows that send alerts and failed deployments to an LLM for summarizing and routing to the right channel.

AWS Solutions Architect Oct 2024 - Present
TSR Ventures and Solutions *Remote, Netherlands*

- Reduced security incident response time by 40% as measured by MTTD metrics, implementing ELK Stack-based logging across 50+ Kubernetes microservices with automated threat detection.
- Architected multi-AZ Kubernetes infrastructure on AWS EKS with auto-scaling and failover automation, achieving 99.95% uptime for mission-critical applications as measured by SLA compliance.
- Eliminated 65% of deployment errors and security vulnerabilities by building CI/CD security scanning pipelines with Jenkins, GitLab CI, and automated policy enforcement across Kubernetes environments, measured by CVE detection rates.
- Improved cloud cost predictability by 35%, reducing budget variance from ±22% to ±7%, through an Infracost dashboard providing real-time spending visibility across AWS accounts managing 50+ workloads.

Education

Bachelor of Business Information Technology May 2015 - August 2020
Dedan Kimathi University of Technology *Nyeri, Kenya*

African Leadership Experience August 2023 - May 2024
Cloud Engineering Program *Nairobi, Kenya*

Certification

AWS Certified Cloud Practitioner *Link To Credentials*

AWS Certified Solutions Architect (Associate) *Link To Credentials*