

Eric Ngigi

Nairobi, Kenya

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Cloud Automation Engineer

Dynamic Cloud Architect with a proven track record in cloud automation engineering, specializing in AWS services. Known for pioneering innovative solutions that enhance efficiency and scalability. Adept at leading teams towards achieving complex objectives, with a keen eye for detail that ensures flawless execution. Committed to driving transformation and excellence in cloud infrastructure.

Work Experience

Independent Contractor

Online

CLOUD ARCHITECT

September 2021 - Present

- Employed Python libraries such as diagrams and tools like StarUML for designing clear and comprehensive cloud architecture diagrams, facilitating better understanding and collaboration among stakeholders.
- Utilized Shell scripting to automate repetitive cloud infrastructure tasks, achieving a 50% reduction in deployment and maintenance time.
- Spearheaded the adoption of containerization technologies (Docker) to improve application scalability and deployment speeds, significantly reducing overhead and resource consumption.
- Implemented Terraform to manage cloud infrastructure efficiently, ensuring consistent and error-free deployments across multiple environments.
- Masterfully integrated GitHub Actions into CI/CD pipelines, automating code integration and deployment processes, which minimized errors and maximized efficiency in application delivery.

Nyeri Water and Sanitation Company

Nyeri, Kenya

DATA ANALYST

June 2019 - December 2019

- Dramatically enhanced data analysis efficiency by 99%, developing and deploying Tableau and Power BI dashboards, facilitating informed decision-making.
- Authored comprehensive installation and configuration guides for Windows and Linux, streamlining IT processes and improving team efficiency.
- Automated backup and recovery strategies, enhancing data resilience and ensuring rapid recovery with minimal operational downtime.
- Upgraded and maintained Oracle, MySQL, and SQL Server DBMS, significantly boosting database performance and scalability.

Skills

Programming Languages : Bash Shell Scripting, Terraform, Python.

Networking : TCP-IP, Network Security, Subnets, VPN, DNS, Routing.

Operating Systems : Linux/Ubuntu and Windows 7/8/10.

Courses/Certifications

Amazon Web Services (AWS)

April 2023 - October 2023

AWS CERTIFIED CLOUD PRACTITIONER

Amazon Web Services (AWS)

November 2024 - March 2024

AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE

Education

DEKUT(Dedan Kimathi University of Technology)

Nyeri, Kenya

BACHELOR OF SCIENCE IN BUSINESS INFORMATION TECHNOLOGY

May 2015 - June 2020