Mandela Mitau Muithi

Cloud Infrastructure and Development Specialist

Kenya

MMM

Portfolio: mandelamitau.com ↗
Github: main-tech ↗
Email: mandelamitan@gmail.com ↗
Phone: +254790770959

SUMMARY

Highly experienced Cloud Architect and Software Developer with DevOps expertise with over 3 years of expertise in designing, implementing, debugging, deploying, and maintaining software applications. Proficient in both front-end and back-end development, with a deep understanding of programming languages such as Java, C, PHP, and JavaScript. Skilled in cloud infrastructure and DevOps practices, specializing in creating scalable, resilient, and secure cloud-based solutions. Adept at working with databases and developing data-driven solutions. Proven ability to collaborate with stakeholders to ensure the successful completion of projects.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology
2016 — 2022 | Bachelor of Science Computer Technology

Certifications

AWS Certified Solutions Architect — Associate
https://www.credly.com/badges/3c4e65e7-becc-4ba0-8440-3386e5ac4630/embedded

Digital Badges

Solutions Architect
https://www.credly.com/badges/f35068a5-fdb2-4628-be43-986fd456157b/public_url

Cloud Practitioner
https://www.credly.com/badges/28214908-8be7-4a37-9720-4d9bc1d81c2e/public_url

EXPERIENCE

Systems and Cloud Solutions Architect
May 2023 — Now | ICIPE

› Architected a scalable HPC in AWS that can be provisioned and deprovisioned on command
› Deployed applications to kubernestes clusters
› Linux server administration and linux scriptting
› CI/CD pipelines with github actions
› Development of GIS web applications

Software Developer consultant
December 2022 — April 2023 | ICIPE

› proactively cultivated client relationships
› designed web experiences
› actively engaged with client about specifications and designs
› crafted literate, comprehensive source code
› Deployed applications online

Software Developer intern
June 2022 — November 2022 | ICIPE

› Added functionality to existing legacy code
› designed cross-platform mobile application
› implemented a serverless application

Software Developer and Knowledge Acquisition Agent
October 2021 — December 2021 |NMK

› Designed an expert system for diagnosing snakebites in my forth year project while interacting with herpetologist from National Museums of Kenya
› Solicited herpetologist for knowledge on expertise on snakes
› implemented knowledge from experts to the knowledgebase of the expert system

Software Developer intern
February 2021 — April 2021 |JKUAT Infomation System

› Database design
› Software design
› Software testing

PROJECTS

Portfolio Website ↗ ⌕
Since 2022 | JSX, React, Next.js

A unique and streamlined developer portfolio site

Movie Central ↗ ⌕
2022| react

Site for searching movies written in react

SKILLS

Software Development

| HTML5 | CSS3 | Javascript | Typescript | Node.js | JSX |

| React | React-Router | Next.js | Java | Nest.js | Capacitor |

DevOps

| Docker | Docker-Compose | kubernestes | Version Control | Git |

| AWS | Azure | Supabase | Serverless Hosting | Linux |

| Github Actions |