

Mandela Mitau Muithi

Software Developer and Cloud Architect

Kenya



Portfolio: mandelamitau.com ↗

Github: [main-tech](https://github.com/main-tech) ↗

Email: mandelamitan@gmail.com ↗

Phone: +254790770959

SUMMARY

Highly experienced Software Developer with over 1 year of experience in developing, implementing, debugging, deploying and maintaining software applications. Skilled in both front-end and back-end development, with a deep understanding of programming languages and frameworks such as Java, C, PHP and JavaScript. Adept at working with databases and developing data-driven solutions. Proven ability to collaborate with stakeholders to ensure successful project completion

EXPERIENCE

Software Developer consultant

December 2022 – January 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 Information System

- › Database design
- › Software design
- › Software testing

EDUCATION

Jomo Kenyatta University of Agriculture and Technology

2016 – 2022 | Bachelor of Science Computer Technology

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

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	Prolog	Javascript	Typescript	Node.js	
JSX	React	React-Router	Next.js	Java	Vue	Express.js
Capacitor	MongoDB	MERN	PHP			

DevOps

Docker	Docker-Compose	Version Control	Git	AWS	Azure
Supabase	Serverless Hosting	Linux			

Referees

Dr Kenedy Senagi

Data Manager | ICIPE | ksenagi@icipe.org

Dr Kenedy Senagi was my supervisor while working as a software developer at ICIPE

Joel Tanui

Software Developer | ICIPE | jtanui@icipe.org

Joel Tanui assigned me some tasks and guided me while working in ICIPE

Dr Patrick Kinyatta Malonza

Herpetologist | Section of Herpetology National Museums of Kenya | malonzapk@gmail.com

Dr.Malonza and his team in Herpetology Section of National Museums of Kenya fast tracked with knowledge Acquisition and validation of the knowledgebase my fourth year project 'Expert system for diagnosing snakebites in Kenya' while I was an intern at NMK
