

Mandela Mitau

Web Development and Expert Systems

Nairobi, Kenya



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SUMMARY

Innovative software developer with demonstrated background designing, debugging and deploying software for client and server applications. Exhibits customer-centric focus and excellent project management skills. Proven experience working with deadlines and interruptions.

EXPERIENCE

Knowledge Engineering and software development
October 2021 – December 2021 | National Museums of Kenya

- › Knowledge Engineering (gathering and representation of snake taxonomy and envenomation symptoms in knowledgebase)
- › Testing the expert system
- › actively engaging with experts about specifications and designs

Software developer intern
February 2021 – May 2021 | JKUAT ICT

- › Contribution to development of web applications
- › Assisting internal teams in diagnosing and debugging production issues.
- › Composing documentation to improve knowledge sharing and onboarding process.
- › Identifying test cases and improving test cases and existing integration testing processes.
- › Formulating optimal solutions through extensive research into relevant technologies, existing code base and open-source libraries.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology
2016 – 2022

Major: Computer Technology

PROJECTS

Expert System for Diagnosing Snakebites in Kenya
Since 2021 | Prolog, Java, JPL

A computer program which uses artificial intelligence techniques to aid physicians to diagnose snakebites in Kenya.

SKILLS

Software Engineering

HTML5	CSS3	Tailwind.css	Javascript	Node.js	Express.js
PHP	LAMP	Prolog	Java	JPL	C#
SQL	MySQL	Fuzzy Logic			Database design

DevOps

Version Control	Git	Github Actions	Linux
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Soft skills

Fast learner	Good communication skills	Cooperative
Ready and eager to learn new technologies	Adaptive to change	