

# Mandela Mitau

## Web Developer and Expert Systems developer

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 developer

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 phycians to diagnose snakebites in Kenya.

### SKILLS

#### Software Engineering

HTML5 CSS3 PHP Javascript  
Laravel LAMP Prolog Java JPL React Database design  
SQL MySQL Fuzzy Logic

#### DevOps

Version Control Git Github Actions Linux

#### Soft skills

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