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 phycians to diagnose snakebites in Kenya.

SKILLS

Software Engineering

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

DevOps

Version Control · Git · Github Actions · Linux

Other skills

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