VALENTINE NKATHA

Software Developer

CONTACT

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GitHub

Linkedin

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EDUCATION

AkiraChix

codeHive-Diploma in Information Technology

February 2024 - present

REFERENCES

Linda Kamau
Founder & Executive Director,

AkiraChix

lkamau@akirachix.com

Susan Maina
Software Developer,

Workbay

swanjikumainaa@gmail.com

PERSONAL STATEMENT

In the high-stakes world of criminal justice, where every piece of evidence can mean the difference between guilt and innocence, forensic science stands as anchor of truth. Valentine believes that artificial intelligence (AI) and machine learning hold the key to revolutionizing forensic investigations and overcoming their most pressing challenges. As as software engineer, Valentine aims to reduce human error and ensure timely, integrated, and accurate forensic results, thus contributing to a more robust and reliable criminal justice system.

SKILLS

- Experience in creating RESTful APIs using Django Rest Framework.
- Ability to manipulate various data structures such as dictionaries,lists and tuples to organize and process information efficiently.
- Ability to display scrollable lists using Recycler Views in Android Studio.
- Experience in Git and GitHub for managing code repositories and team collaboration.
- Skilled in using Android SDKs to develop robust and efficient Android applications and ensure smooth performance.
- Skilled in building dynamic UIs in Frontend Web Development using React JS and Next JS.
- Skilled in SQL databases with a comprehensive understanding of database design,and query optimization.
- Skilled in conducting user research to gather valuable insights, identify user needs and guide the design of user-centered solutions.
- Ability to design intuitive UI interfaces using Figma.
- Skilled in Agile methodologies for effective project management and iterative development.
- Knowledgeable in conducting market research and competitor analysis.

RELEVANT COURSES

- Backend Development
- Product Management
- Mobile Development
- Data and Software Architecture
- Frontend Web Development
- UX Research
- UI/UX Design

PROJECTS

Suubi
A case study on dairy value chains in Rwanda. The project aimed to develop a sacco management system for local dairy farmers using Python, Kotlin and React JS.

https://drive.google.com/drive/folders/1EUrRurXu20Naz3c71MQ1DwRN4C44RoH_

Shawazi

The project aimed to enhance transparency within the land buying process in Kenya using a Django Backend and NextJS Frontend

https://drive.google.com/drive/folders/1uCxyYiXyvXSMULoEofG5ygabFfRtf6yX?usp=sharing