

MARRION MIDEVA

Software Developer

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[LinkedIn](#)

PERSONAL STATEMENT

Agriculture serves as the backbone of Kenya's economy and it is in the practices of numerous communities. Unfortunately, the lack of proper storage techniques has resulted in massive losses within the agricultural sector. Having observed the challenges they faced in obtaining crucial farm inputs and implementing effective storage methods, it became clear to me that there is a significant gap that needs to be addressed. Marrion is a passionate Software Developer committed to making a positive impact in the agricultural sector. With the aim of enhancing agricultural productivity, I am determined to leverage my skills to bridge the gap between farmers and the availability of essential farm inputs.

EDUCATION

FEBRUARY 2023- PRESENT

AkiraChix- codeHive

- Diploma in Information Technology

Relevant courses

Backend Development

- Manipulating data structures like linked lists.
- Using Django frameworks to create web applications.
- Object Oriented Programming.
- Development of server-side applications using Django.

Front-end Web Development

- Implementing DOM manipulation in Javascript.
- Using React.js as a framework
- Javascript algorithm (Binary search, Mergesort)
- Object Oriented Programming (OOP)

Mobile Development

- Displaying large data using RecyclerViews and Retrofits.
- Use of MVVM architecture to create streamlined Android UI designs
- Creating custom Recycler Views, RecyclerViewAdapter, and ViewHolder

Product Management:

- Prototyping and MVPs.
- Using Agile methodology in product development and management
- Product Backlog using Jira
- Using product metrics for decision-making
- Creation of user personas, user stories, and acceptance criteria.

UI/UX Design:

- Knowledge of design tools e.g. Figma and Adobe Photoshop and Illustrator.
- Ability to create prototypes incorporating design principles and elements.
- Using Figma to create wireframes and prototypes

SKILLS

- Capable of creating detailed documentation with Swagger and Postman for providing information about API endpoints, parameters, and responses.
- Able to write and execute unit tests to ensure code reliability and functionality.
- Familiar with object-oriented programming principles and data structures.
- Familiar with establishing CI/CD pipelines for automated project builds, tests, and deployments, streamlining development workflows for efficiency and reliability.
- Capable of working with web APIs and consuming RESTful services.
- Ability to manage relational databases using PostgreSQL.
- Knowledgeable in deploying backend applications using the Heroku platform and web applications on Vercel.
- Capable of manipulating DOM for dynamic web pages.
- Experience with making asynchronous HTTP requests to servers.
- Familiar with creating appealing user interfaces using XML layout files.
- Able to create and build APKs for mobile application
- Capable of utilizing React Hooks like useState, and useEffect, to simplify and React components.
- Experience with integrating RESTful API and performing network requests using libraries like Retrofit.
- Able to use version control systems like Git.
- Familiar with implementing WebViews in mobile for Web-based chatbots.

PROJECTS

SeraWazi Project

Collaborated on a project aimed at improving the understanding of Kenyan Governance by the citizenry, [SeraWazi](#)

Mama Groce

A mobile application aimed at uplifting Mama Mboga's business by boosting her sales and retaining her customers. [App link](#)

Hackathon (FoodFiesta)

An online restaurant that enables users to order and get their preferred food of choice delivered to them. [Website link](#)

Fresh2Go

A webApp aimed to uplift Mama Mboga's business by boosting sales and retaining customers. [WebApp link](#)

REFERENCES

James Mwai, AkiraChix.
Co-founder and CTO, Skygardens, Backend developer.
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