

Mary Apiu Agou

Software Engineer



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apiu-mary



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Nairobi

PERSONAL STATEMENT

Considering the drastic rise in fuel costs that have had a profound impact on the living conditions of people, especially with the added burden of increased transportation and shipping expenses for consumers. Mary has identified a gap and believes technology can harness transport solutions that are not only cost-effective but also environmentally friendly hence effect positive change. As a software developer, she aims to play a part in improving people's lives by addressing the challenges caused by high fuel prices and promoting sustainable progress in the transportation sector throughout the region.

EDUCATION

JANUARY 2023 -PRESENT
AkiraChix- codeHive
Diploma in Information Technology

Product Management

- Designing of user stories, acceptance criteria
- Making a product roadmap
- Use of Jira to manage projects
- Using prioritization techniques
-

Ux research

- Design thinking process
- Using quantitative and qualitative methods to collect data
- Making user research documentation like reports
- Creating prototypes for solutions
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Internet of things

- Design thinking process
- Using Fusion 360 to create design

Fronted Mobile Development

- Object Oriented programming
- Manipulation of recyclerviews
- Defining activity themes in styles.xml
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Backend Development

- Django as a framework
- Data types and structures
- Rest API to retrieve data
- OOP concepts
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Fronted Web Development

- Dom Manipulation
- Using Rest API
- Object Oriented programming
- React as a framework

Ux Design

- Making mockups using Figma
- Making wireframes for mobile phones
- Using Photoshop to create and edit designs

SKILLS

- Able to implement network calls and HTTP-REST interactions in Android applications using retrofit library.
- Good understanding of Python Frameworks such as Django.
- Ability to develop and seamlessly integrate RESTful APIs to create responsive and dynamic web applications.
- Familiar with using JavaScript, external libraries, and APIs to collaborate with servers.
- Knowledge of data structures such as stacks, linked lists, sets, mergesort, binary search, and Queues.
- Familiar with manipulating and traversing the DOM to create and modify web content.
- Knowledge in making high and low-fidelity prototypes using Figma and Adobe Illustrator.
- Familiarity with Jira and Agile methodologies, encompassing expertise in backlog management and sprint planning.

PROJECTS

Created an e-commerce website that is built in Javascript, HTML, and CSS that allows a person to buy different groceries online.

https://github.com/apiu-mary/mama_mboga_original.git

Music app

Created a mobile application using Android Studio that enables storing and playing a list of songs.

<https://github.com/apiu-mary/myfirstKotlinmusicapp.git>

Language translator website

Used the knowledge of Api to create a website that allows translation from Kiswahili to English and vice versa.

<https://github.com/apiu-mary/mylanguagetranslator.git>

REFEREES

Linda Kamau
Founder and Executive Director - AkiraChix
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John Owuor
Senior Software Developer at Twiga Foods
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