

MARISA LELESHEP

Software developer

PERSONAL STATEMENT

Having spent her initial years in a drought-ridden community, Marisa witnessed the impact of water scarcity on people's lives. This experience shaped her perspective and fueled her determination to make a difference. As a software developer, she is confident in her ability to leverage technology to develop innovative solutions that address water management and mitigate the effects of droughts, creating a positive impact on society.

SKILLS

- Capable of working with data structure algorithms such as merge sort, and binary search in JavaScript
- Ability to create dynamic and interactive web applications using React
- Ability to handle asynchronous operations in JavaScript
- Familiar with building responsive web applications using HTML/CSS.
- Knowledge in implementing APIs in JavaSCript and Kotlin
- Creating data-rich Kotlin activities and views with Retrofit, MVVM, and view binding
- Great understanding of object-oriented programming principles in Kotlin.
- Able to manipulate data types such as tuples, lists, and dictionaries in Python
- Capable of using Django, as a Python framework, to create scalable web applications.
- Ability to collaborate using Git and GitHub
- Ability to use Jira for project planning, assigning tasks to team members, and collaborating with team members.
- Understanding of how to use tools and features on Figma to create wireframes, mockups, and prototypes.
- Ability to conduct comprehensive research both through desk research and primary research

PROJECTS

Water Pollution

(June-present)

We worked on a project on water pollution in Lakes which aims to monitor the pH levels in Lake Naivasha to mitigate water pollution and ensure the preservation of its ecological integrity.

https://drive.google.com/drive/folders/1CeXhKkb2et_I43So_0UD5Xm3Ln6e3QhS?usp=drive_link

Todo List

(May-June 2023)

Created a Todo list that allows users to add, delete, and clear tasks and facilitates task management.

<https://github.com/marisahleleshep/FETCH-TODOS>

Guessing Game

(July 2023)

Created a guessing Game using Javascript, HTML/CSS. The game prompts users to input numbers and informs them if the guessed number matches the target number.

<https://github.com/marisahleleshep/GAME-APP>

Landing page

(June 2023)

Designed a landing page shop with Adobe Illustrator mockups and Figma for enhanced visual representation and prototyping.

Figma

CONTACT



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<https://github.com/marisahleleshep>

EDUCATION

AkiraChix- codeHive

(February 2023-present)

Diploma In Information Technology

RELEVANT COURSES

Front-end development

- Using React as a framework
- Able to create responsive web applications using Bootstrap
- Data structure and algorithm creating responsive websites

Back-end development

- Development of server-side applications using the Django Framework
- Data structures - Organizing, processing, retrieving, and storing data.

Mobile development

- Creating interactive mobile applications using android
- Data Structures to organize data for easy manipulation
- Manipulation of layout through event-driven programming overview

UX Research

- Conducting ethical research without jeopardizing the privacy of the users.
- Designing with data using quantitative and qualitative research methods.

Product Management

- Product lifecycle in describing the stages of a product from conception to decline.
- Prioritization to determine which features and improvements to work on first.

UX/UI design

Having knowledge of Creating sketches, wireframes, and mockups -adobe cloud tools: In Design, illustrator, and Photoshop

REFEREES

Linda Kamau

Co-founder, AkiraChix

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Judy Maina

UX Researcher- Antara Health

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