

Maureen Njeri

Software Developer

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Maureen, a passionate healthcare innovator, firmly believes that the convergence of technology and systems thinking holds the guidelines for addressing the complex challenges facing the medical industry. Inspired by the remarkable progress in fields like telemedicine, data analytics, and artificial intelligence, Maureen is convinced that these advancements can be harnessed to bridge the gaps in healthcare delivery, ensuring that quality care reaches underserved communities and vulnerable populations.

Skills

- Knowledge of object-oriented programming in Kotlin, Javascript, and Python
- Ability to Consume Restful APIs and develop web applications using ReactJS.
- Familiarity with server-side JavaScript using NodeJS.
- Knowledge of Javascript fundamentals such as DOM, Asynchronous Programming, Control Flow, and Object Oriented Programming.
- Ability to analyze and manipulate data using data analysis tools such as Matplotlib.
- Ability to create and consume APIs, build models and develop web applications using the Django framework.
- Proficient in writing SQL queries to retrieve meaningful and relevant information from databases.
- Skilled in optimizing algorithms such as merge sort, bubble sort and selection sort.
- Expertise in creating wireframes, prototypes, interaction design and intuitive user interfaces using Figma, and Adobe tools.
- Knowledge of agile principles, measuring product success using key performance indicators, and prioritization.
- Ability to implement concepts such as MVVM architecture and Recycler View in Kotlin for building Android applications.
- Good understanding and experience with version control systems such as Git and GitHub.

Projects

Maka For All

Managed to create an end-to-end project that aims to connect teachers, parents, and learners in a community to ensure there is maximum parental involvement in the online learning journey of their children. With Maka, schools can ensure parents, who are key monitors of children's education when studying at home, actively participate in their children's education for effective online learning.

[Google Drive Folder](#)

<https://github.com/akirachix/Agile-Informational.git>

Web Calendar

Developed a Web calendar that allows users to see dates and months, add and save events, and delete events.

<https://github.com/The-Calendar-MiniProject.git>

Book Finder-VueReads

Developed a Book Finder Website that allows users to find their favorite books by searching the genre, book name, or even book author

<https://github.com/The-Book-Library.git>

[Vercel](#)

Education

AkiraChix

codeHive - Diploma in Information Technology
February 2024 – November 2024

Relevant courses

Front-End Web Development

- ReactJS and NextJS for web development

Front-End Mobile Development

- Kotlin and Android Development

Back-End Development

- Python
- Django Framework

Data and Software Architecture

- My SQL
- Data Analysis

UX Research

- Research Methodologies
- Usability Testing
- Design Thinking

UI/UX Design

- Figma
- Adobe Photoshop
- Adobe Illustrator

Product Management

- Agile Methodologies
- Jira
- Prioritization Techniques (Weighted Matrix, Value Effort Map)

Work Experience

DizzitUp- 1st Nov 2024-Present

Front-End Developer & UI Designer-Internship

Designing intuitive user interfaces- Crafting visually appealing, user-centered designs using design principles to enhance user experience across web and mobile platforms.

Developing responsive web applications- Building and maintaining scalable, responsive front-end solutions using HTML, CSS, JavaScript, and modern frameworks (e.g., React,Next.JS).

Collaborating with cross-functional teams- Working closely with product managers, developers, and stakeholders to transform requirements into functional designs and code.

Improving user experience (UX)- Conducting user research, creating wireframes and prototypes, and implementing UX improvements based on user feedback and analytics.

References

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