JOAN MUTHONI
Software Developer

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Joan Muthoni Portfolio Website

linkedin.com/in/https://linkedin.com

github.com

Technology is making equity possible in the health sector with the use of Artificial Intelligence to ensure that life-threatening diseases such as cancer are detected early and accurately. Having lost a family member due to negligence, Joan believes that there would have been a different outcome had the local hospital utilized modern technology. She keeps herself abreast with technological trends and how they are influencing the healthcare system. Joan looks forward to applying her software development skills to contribute in creating solutions that will bring change to the health sector.

EDUCATION

AkiraChix
codeHive Diploma in Information Technology

02/2022 - Present

Courses

- **Mobile Development;** Implementing REST APIs using REST framework in Android Studio, Building a firebase database to manage real-time data, RecyclerView and ConstraitLayout to display data
- **Backend Development ;** Django framework for server-side application development,Databases such as Postgres
- **Frontend Web;** Using React as a Front-end framework Using DOM manipulation in Javascript
- **UI/UX Design;** Using design thinking approach to design user-centric user interfaces,Understanding elements and principles of DesignUsing design tools such as Adobe Illustrator and Figma to create UI designs
- **Internet of Things(IoT)** Using different micro-controllers and sensors to build and control IoT devices.Digital designing using Fusion 360 Using design thinking process for product prototype

WORK EXPERIENCE

Intern
Tourism Fund

07/2017 - 08/2017

Achievements/Tasks

- Managed to resolve errors installed relevant software, and monitored and proactively maintained computer systems and networks.
- Maintained, coordinated, and updated documentation and hardware/software registers.
- Troubleshooting systems and network problems, diagnosing and solving hardware or software faults, and replacing hardware as required.

TECHNICAL SKILLS

Ability to compute data in Firebase, and use RecyclerViews and CardViews to display scrollable lists in Kotlin.

Able to use Kotlin to develop mobile applications managing data between client and the server.

Ability to use DOM manipulation for interactive user interface.

Basic knowledge in relational Database e.g. PostgreSQL.

Good understanding of Object-Oriented Programming in Python .

Ability to build REST APIs using Django REST framework.

Basic knowledge of running hardware system programs in C++ and building 3D models using Tinkercad and Fusion 360.

Intermediate skill in designing logos, packaging designs, and posters using Adobe Illustrator.

Able to design wireframes and prototypes using Figma

Knowledge in UX Research principles to understand user needs and using such insights to come up with product designs.

PERSONAL PROJECTS

Women Safety
- *I am currently working on a project on women's safety that looks to tap into automation to address the rise of safety concerns among vulnerable groups.*

Tour Marketing
- *I am currently working on a project on tour marketing that will allow more tourism activities as well as protect and balance the ecotourism .*

REFERENCES

Marie Githinji Executive Director and co-founder at AkiraChix mgithinji@akirachix.com

John Owuor Senior Software Engineer, Twiga Owour91@gmail.com