Ali Mwanasha

Software Developer

Contacts

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GitHub

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Education

AkiraChix
codeHive - Diploma in Information Technology
February 2024 - Present

Courses

Frontend Development
- DOM manipulation using JavaScript
- React Framework
- Fetching of APIs using JavaScript

UX/UI Design
- Adobe Photoshop and Illustrator
- wireframing and prototyping
- Design application(Logo Application design)

Product Management
- Prioritization & Product Life Cycle
- JiraScrum Ceremonies & Agile Principles

Backend Development
- Django RESTFramework
- RESTful APIs
- Web Development with Django
- PostgreSQL Database

User Experience Research
- Field and Desk research
- Empathy mapping
- Data Analysing

Mobile Development
- Working with collections
- Manipulating layouts in code
- Networking

Data And Software Architecture
- Employing algorithmic problem solving
- Working with SQL
- Architecture Models

References

Linda Kamau
Founder & Executive Director,
AkiraChix
lkamau@akirachix.com

Joan Njiru
Quality Assurance,
FloCash
joanwanjirunjiru@gmail.com

About Me

The integration of technology in healthcare has transformed medical treatment and patient care. Mwanasha, passionate about telehealth, is dedicated to using innovation to enhance patient outcomes and streamline processes. As a Software Developer, she focuses on new technologies like telemedicine and electronic health records to improve access to care. Her goal is to push the boundaries of health tech, envisioning a future where technology enables personalized and efficient healthcare delivery. Ultimately, she aims to improve quality of life and drive positive health outcomes worldwide.

Skills

- Capable of creating efficient designs using Figma, Adobe Photoshop, and Illustrator ensuring high-quality visual and user interface design.
- Strong understanding of Object Oriented Programming in Kotlin, JavaScript, and Python, adept at designing and developing robust and scalable software solutions.
- Ability to collaborate using version control by using GitHub.
- Ability to implement DOM manipulation and use ReactJs as a frontend framework to build dynamic and responsive user interfaces.
- Ability to compute data and use RecyclerViews, and CardViews in Kotlin to display dynamic and scrollable lists effectively.
- Experienced in applying qualitative and quantitative research methodologies to gather and analyze data, informing strategic decision-making and design improvements.
- Skilled in cleaning and manipulating large datasets using tools such as SQL for accurate analysis and predictive modeling.
- Familiarity with agile methodologies and tools such as Jira to effectively manage product development processes and timelines.
- Proficient in creating low-fidelity wireframes and interactive prototypes to visualize and iterate on design concepts.
- Good knowledge of conducting user interviews, surveys, and usability testing to gather insights and feedback for informed design decisions in research.

Projects

Edukeri
This is an interactive platform for uninterrupted delivery of quality education for teachers in rural areas providing them with essential digital skills. Used React.Js for the informational website and CSS for styling. Applying the principles of design in coming up with a user-friendly interface.
Case Study
https://github.com/Mwanasha-Omari/Edukeri_Informational

BMI
This user-friendly Body Mass Index calculator allows users to input height and weight for accurate calculations, categorizing results as Underweight, Normal weight, Overweight, or Obesity Built with DOM HTML and CSS, the application supports easy switching between metric and imperial units for convenience.
https://github.com/Mwanasha-Omari/BMI_Calculator.git

Nutrition Analyzer
This application calculates the nutritional content of recipes using the Edamam Nutrition Analysis API. It allows users to input or paste their recipes for accurate nutritional analysis. Built with React.js and CSS, to create an attractive and intuitive interface.
https://github.com/Mwanasha-Omari/nutrition-analyzer.git