NYAGA GLORIA GAKII

U I / U X   D E S I G N E R

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EDUCATION

AkiraChix

codeHive 2024

- Diploma in Information Technology

   November 2024

COURSES

- UI/UX Design
- UX Research
- Front-end Development
- Product Management
- Back-end Development
- Data and Software Architecture
- Mobile Development
- Tableau

REFERENCES

Linda Kamau

Founder and Executive Director, AkiraChix

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Hunter Achieng

Software Engineer, Shara

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PROFILE

In the ever-evolving landscape of education, technology is pivotal in enhancing learning experiences and accessibility. As an entry-level software developer with a foundation in UX research, UI/UX design, and human-centered product development, I am passionate about crafting meaningful, research-driven solutions that improve accessibility and user experience. I believe that effective design begins with deep empathy, understanding users through research.

SKILLS

- Ability to conduct user research through interviews, surveys, and usability testing using methods such as empathy mapping.
- Knowledge of the principles of design thinking to understand problems deeply and prototype user-centered solutions.
- Proficient in using design tools such as Figma, Adobe Illustrator, Adobe Photoshop, and AutoCAD to create friendly and visually appealing interfaces that meet the target audience's needs.
- Ability to ideate, define clear problem statements, conduct primary and secondary research, and develop solutions that meet the user's needs.
- Ability to manage and prioritize tasks using project management tools like Jira, working with epics, sprints, and agile boards.
- Knowledge in using ReactJS, a JavaScript library, to build dynamic, efficient, and interactive user interfaces.
- Proficient in using version control systems such as Git and GitHub
- Ability to develop RESTful APIs using Django REST Framework, enabling efficient data exchange between systems.
- Skilled in optimizing JavaScript DOM manipulation and event handling operations for enhanced performance and seamless user experiences.
- Ability to manipulate various data structures such as dictionaries, lists, and tuples to organize and process information efficiently.
- Knowledgeable in using the Next.js framework for building scalable and high-performance web applications.
- Skilled in writing complex queries using joins, subqueries, and aggregate functions, focusing on database design and query optimization.

PROJECTS

1. **Shawazi**
   This is a progressive web application that helps ensure transparency in transactions within the land acquisition process between the land buyer and the land seller. Conducted user research to understand pain points in the land process, created wireframes and user flows using Figma, and developed using Next.js in front-end, backend with Django REST and PostgreSQL.
   https://shawazi-magezi.vercel.app/

2. **Wezesha Case Study**
   This is an end-to-end project that analyzes the dairy value chains in Rwanda. It aims at ensuring reliable loan access for farmers and improve their creditworthiness. Conducted primary and secondary research.
   Case Study Project