Sharon Gikenye
Software Developer

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Kenya

SUMMARY

I am a passionate and dedicated software developer with a strong foundation in front-end and back-end technologies. I specialize in building dynamic, user-friendly web applications using modern frameworks such as React, while also having experience in backend development with Python and Node.js. My expertise includes working with databases, implementing APIs, and ensuring responsive designs that enhance user experience.I am committed to continuous learning and staying up-to-date with industry trends to deliver efficient and scalable solutions. With a keen eye for detail and problem-solving skills, I thrive in collaborative environments and enjoy tackling complex challenges to create innovative digital solutions.

SKILLS

- React
- Next.js and Node.js
- Formik and Yup
- Tailwind css
- Bootstrap
- Flask
- Postgresql
- Pytest
- Restful APIs

Projects

MoringaBox - https://github.com/WAHU0508/moringabox_frontend.git
This was a google drive clone used for storage and organization of files. I was the team lead for the frontend web development team.

Subscriptly - https://github.com/WAHU0508/Subscriptly_Frontend.git
This was a subscriptions management app to allow users to manage their subscriptions, pay them in due time and unsubscribe from rarely used subscription. In a way, it would help in reducing expenses..

EXPERIENCE

Software Developer Intern | **Witz Africa**
January 2025 - Present | Remote

- Front-End Development: Developed a scalable e-commerce application using Next.js, leveraging features like server-side rendering (SSR), static site generation (SSG), and dynamic routing.
- UI/UX Implementation: Created a responsive, accessible, and SEO-friendly interface with Tailwind CSS, CSS Modules, and collaborated with designers using Figma.
- State Management & API Integration: Managed application state with Redux Toolkit and Context API, and integrating RESTful APIs for product listings, authentication, and order management.
- Performance Optimization: Optimized web application with Next.js features, including incremental static regeneration (ISR), lazy loading, and built-in image optimization.

- Testing & Debugging: Wrote tests using Jest and React Testing Library, and debugged with Chrome DevTools to ensure application stability.
- Collaboration & Deployment: Worked in Agile environments, using Git/GitHub for version control and deployment.

EDUCATION

Moringa School | Software Development   Nov 2024
Kenyatta University | Electrical and Electronics Engineering July 2024

Volunteer Experience

- **IEEE:** I was the a volunteer in the IEEE KU chapter society, where we planned for events, training sessions and also volunteering in the community such as tree planting and visiting the children's home to train them on circuits and electronics.
- **GearBox:** Training young kids on programming in python and building IOT.

References

1. **Andrew John**
   Technical Mentor
   Moringa School.
   andrew.john@moringaschool.com

2. **Mr. Kamau, Duncan**
   Senior Lab Technician.
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   Electrical & Electronics Engineering Department – Kenyatta University.