Hillary Nyakundi *Front-End Engineer*

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Profile

I have 2 years of experience in development with a keen focus on website applications. I specialize in front-end development and have expertise in deploying to server and serverless environments. I strive to utilize my strong problem-solving skills, and attention to detail to create visually appealing systems with user-friendly design, seamless user experience, and clear navigation. My proudest achievement was the period when I was working for a healthcare startup company (Karegivv) in Kenya, I boosted my communication and interpersonal skills, collaboration skills, and teamwork abilities by taking the role of front-end team lead. While at Karegivv, I managed multiple tasks sequentially according to priority and was adaptively composed under pressure. As a dedicated front-end developer, I'm eager to collaborate with your team to deliver high-quality projects.

Skills

JavaScript	React.js
Typescript	Tailwindcss
Zod	Shadcn UI
HTML5/CSS3	Git
Next.js	Figma

Professional Experience

2023/05 – 2024/04
Nairobi, Kenya

Front-End Engineer
Karegivv.com

- Developed and maintained web applications using React, Next, and React.js, contributing to diverse projects that resonated with the company's mission of providing hands-on software development skills to the passionate.
- Implemented robust unit and integration tests using frameworks like Jest and Cypress, ensuring code quality and reliability. This ensured clean code bases for open-source contribution.
- Collaborated with the QA team to identify and fix bugs, enhancing the overall stability of applications.
- Leveraged TypeScript to write type-safe JavaScript code, reducing errors and improving maintainability.
- Utilized state management libraries such as Redux to manage application state effectively, leading to more predictable and debuggable applications.
- Translated design mock-ups and prototypes into full functional application designs maintaining a high standard of detail and user experience.
- Managed code repositories using Git, following best practices in Git workflows and branching models.
- Conducted code reviews and collaborated with team members to maintain code quality and consistency.
- Integrated RESTful APIs into web and mobile applications, enabling data exchange between the front end and back end.
- Worked with backend developers to design and document API endpoints, ensuring clear communication and efficient development processes.

2022/02 – 2023/04 Nairobi, Kenya	**Intern Front-End Developer** *Eleli Afrika Mentorship* • Consistently wrote clean, efficient, and maintainable code for various open-source software projects utilizing team work. • I developed an entire cross-platform website application with a breath-taking UI by following its figma design, I participated in the documentation and testing of the application, both unit and integration tests. • Ensured code quality through regular code reviews and adherence to coding standards. • Designed and developed reusable software components, enhancing application modularity and scalability. • Implemented comprehensive unit tests to ensure the reliability and functionality of software components. • Authored and maintained technical documentation for software projects, ensuring clear communication of system architecture, components, and processes. • Provided documentation for new features and integrations, facilitating knowledge transfer and team collaboration. • Applied responsive design principles to create applications that provided a consistent user experience across different devices and screen sizes following the mobile-first design principles.

Projects

RwandAir Holidays Web Application ⧉

A modern and responsive web application designed to enhance the travel planning experience for RwandAir customers. The platform includes intuitive features such as dynamic search functionality for flights, hotels, and packages, a visually engaging special offers section, and streamlined navigation for seamless browsing.

Key Features:

- **Customizable Search**: Allows users to search for packages based on destinations, dates, and travelers.
- **Responsive Design**: Fully optimized for all screen sizes, ensuring a smooth user experience on desktop, tablet, and mobile devices.
- **Interactive UI Components**: Features include tabbed navigation, promotional banners, and integrated Google and App Store links.
- **Modern Tech Stack**: Built using React, TypeScript, and styled with TailwindCSS for polished aesthetics.

This project highlights my expertise in front-end development, responsiveness, and creating user-friendly interfaces tailored to specific business needs.

Cocktails Store UI ⧉

Designed and developed a single-page user interface for advertising cocktails using React. This project involved consuming data from APIs to display cocktail information dynamically. Key features included a search bar to filter cocktails, enhance user experience, and provide quick access to desired information. The project showcased my skills in React, API integration, and creating responsive, interactive user interfaces. I used tools such as Shadcn UI, React.js, Typescript, Tailwind CSS, Redux Toolkit, and, React Query.

Courses

UI Design with Figma

freecodecamp.org

Education

2020/09 – 2024/10	**BSc. Computer Science** *South Eastern Kenya University* **Coursework:** Machine Learning, Linear Algebra, Calculus, Discrete Mathematics, DSA and Probability.