

# Kakwiri Stephen

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## SUMMARY

I have a strong passion for creating web applications that are scalable, maintainable, and provide excellent user experiences. I have experience building RESTful APIs, creating responsive and dynamic user interfaces, and implementing effective algorithms to guarantee quick and fluid performance.

In addition, I have excellent communication skills, am a team player, and am eager to pick up new skills and adapt to new technologies. I'm dedicated to producing high-quality code that satisfies user needs and can be maintained over time.

## EXPERIENCE

### FullStack Developer Volunteer

Savannah Silica Community

November 2022 - February 2023, Kenya

- Participate in hackathons that are focused on solving social issues or building applications for the non-profit organization.
- Volunteered to mentor aspiring developers who are just starting out in their careers.
- Spearheaded migration of infrastructure from GCP to AWS (Kubernetes, Aurora, Docker, CloudFormation).

### Backend Developer

Zuri

September 2022 - December 2022, Nigeria, Remote

- Developed and maintained scalable and secure backend systems using NodeJS, Express & MongoDB.
- Collaborated with frontend developers to ensure seamless integration of backend and frontend components.
- Troubleshoot and fixed backend issues and implemented new features and functionality.
- Contributed to the development of software architecture and improved system performance and scalability by up to 75%.

### Frontend Lead

I4GxZURI

August 2022 - October 2022, Nigeria, Remote

- Developed a web application from the initial design stage to the deployment stage and built an end-to-end workflow from scratch using HTML and CSS.
- Successfully launched the website, increasing traffic by 58% within the first six months and reducing page load time by 85%.
- Improved user experience by creating new components and incorporating responsive design principles.

### ICT Assistant Intern

National Hospital Insurance Fund

May 2022 - July 2022, Kenya

- Troubleshooting and resolving issues related to computer systems, networks, and software applications.
- Installing, configuring, and maintaining computer hardware and software systems.
- Providing technical support to NHIF staff in the use of computer hardware, software, and peripherals.

## PROJECTS

### Stockify

Personal • February 2023 - March 2023

- A stock management system web app is a full-stack application built using Node.js, Express.js, MongoDB, React.js, and Redux.
- The app is designed to help businesses manage their stock inventory, track stock levels, and streamline their stock management processes.
- The app also features real-time updates, where changes to the stock inventory are reflected in real-time across all connected devices. Users can also generate reports on stock levels, track stock movements, and set up notifications for low stock levels.

### Feedback Generator

Zuri • October 2022 - November 2022

- Developed and implemented an effective feedback system across the organization, capturing insights regarding customer needs, satisfaction and recommendations for improvement.
- Enhanced customer satisfaction rating by 45%, raised satisfaction survey response rate by 2x, and increased customer response rate from feedback surveys by 15%.

### Tour WebApp

Personal • March 2022 - May 2022

- Developed a 2-way communication system between the tour guide and tourists, resulting in a 10% customer churn reduction and a 30% increase in customer satisfaction ratings.
- Constructed dynamic and interactive web application utilizing React, NodeJs, and MongoDB that enabled real-time access to tour reviews and customer feedback.
- Implemented automated map route creation using React and Google Maps API, minimizing the manual process by 80%.

## EDUCATION

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### Bachelor of Science In Software Engineering

Minor in Robotics • Multimedia University of Kenya • Kenya • 2020

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## CERTIFICATIONS

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### Fullstack Developer

Zuri • 2022

Certified in a standardized and evolving set of project management principles

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## SKILLS

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**Languages:** Java, Python, C++, C#, C, JavaScript, TypeScript, SQL

**Frameworks/Libraries:** Node.js, Express, Flask, React, Redux, Bootstrap

**Data/Tools:** MongoDB, MySQL, Firebase, Git, Docker, Kubernetes, Sanity