

# KAKWIRI STEPHEN

Nairobi, Kenya | Ongata Rongai, Magadi | +254715378281  
[ngottakakwiri@gmail.com](mailto:ngottakakwiri@gmail.com) | [Github](#) | [LinkedIn](#) | [visit website](#)

## 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.

## EDUCATION

**ALX\_AFRICA** - Remote,

**January 2023 - Present**

**The bridge Career Accelerator**

- Front-End engineer
- Back-End engineer
- Full-Stack engineer
- Embedded System Engineer

**14GxZURI** - Nigeria, Remote  
**2022**

**August 2022 - December**

- Full-Stack development skills
- Team building
- Communication skills
- Problem Solving skills

**Multimedia University of Kenya**— Nairobi, Kenya

**September 2020 – present**

- Bachelor of science in software engineering
- 

**Maranda High school**- Siaya, Kenya

**Feb 2016- December 2022**

- Kenya certificate of secondary education(KSCE)

## WORK EXPERIENCE

**Full-Stack Developer Volunteer**

**November 2022 - Present**

**Savannah Silica Community**

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).

**Full-Stack Developer**

**August 2022 - November 2022**

**14GxZURI**— Nigeria, Remote

Developed and maintained scalable and secure backend systems using NodeJS, Express & MongoDB.

Developed a web application from the initial design stage to the deployment stage and built an end-to-end workflow from scratch using HTML , CSS and JavaScript.

**ICT Assistant Intern**

**May 2022 - July 2022**

**National Hospital Insurance Fund**— Malindi, 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

---

### Feedback Generator, 4GxZURI

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%.

### Stockify, Personal

May 2022 - December 2022

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.

### Gym Fitness WebApp , Personal

February 2023

React-based webApp! With integrated YouTube search, you can access endless workout videos and crush your fitness goals from anywhere.

### Tour WebApp , Personal

April 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%.

## Certifications

---

1. 14GxZURI [zuri](#)
2. Fundamentals of software testing by [QAtestlab](#)
3. Google IT support by [coursera](#)
4. ALX Virtual Assistant by [ALX africa](#)
5. ALX financial analyst by [ALX Africa](#)
6. ALX software engineering Bootcamp by [ALX Africa](#)

## SKILLS

---

- 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, Sanit

## INTERESTS

---

Community empowerment      Robotics      Traveling

## LANGUAGES

---

Kiswahili - Native      English - Expert