Alex Kiriungi

Full Stack Developer

+254708307092| mwasxander@gmail.com| Nairobi, Kenya| LinkedIn| GitHub| Portfolio

A MERN Stack Developer with over 3 years of expertise in designing, developing, testing and deploying web applications. Having a good background in improving user engagement and revenue growth through optimized performance, security measures, and integration of third-party services. Can give a commitment to collaboration, troubleshooting, and delivering innovative solutions.

SKILLS AND TECHNOLOGY

Front-end and Backend: JavaScript| React| Node JS| Next JS| Python Django| HTML5| CSS3| Express JS & Lodash JS| MongoDB| MongoDB Atlas

Software Testing: Test Automation Tools - Selenium & Appium| Test Creation and Execution| API Testing| SQL and Database Testing| Manual Testing| Mobile Testing| Mobile Testing.

Tools & Methods: Git, GitHub| Mobile/Responsive Development| Unit Test| TDD| Chrome Dev Tools| VScode

PROFESSIONAL EXPERIENCE

Lukhu – Startup

Full Stack Developer (Hybrid)

Sep. 2023 – Dec. 2023

- Built and maintained a scalable web application using React, Express JS, with a back-end web server with Node JS, immersing the full power of Next JS.
- Collaborated with a cross-functional team both remotely and onsite to troubleshoot and debug web applications, resulting in a 95% reduction in application downtime and improved user engagement and satisfaction.

A2SV | Africa to Silicon Valley Hackathon - Remote

Full Stack Django Developer (Seasonal)

Jul. 2023 – Sep. 2023

- Built and maintained a scalable web application using Django REST Framework and related technologies, resulting in a 20% increase in user engagement and a 3% increase in revenue within the first month.
- Collaborated with a cross-functional team to troubleshoot and debug a web application, resulting in a 90% reduction in application downtime and improved user satisfaction.

Upwork - Remote

Backend Developer (Freelancer)

May - July 2023

- Built responsive and user-friendly interfaces, integrated APIs, and implemented server-side functionalities to deliver robust web applications
- Implemented and maintained a monitoring and alerting system, resulting in a 90% reduction in system downtime and a 80% reduction in incident response time.

Testlio - Nairobi Kenya

Team Lead Tester

July 2021 - April 2023

- Developed and maintained test environments and test data for over six software projects, ensuring that all testing activities were conducted in a controlled and accurate manner.
- Coached and facilitated a team of software testers to ensure the timely and accurate completion of all testing activities, resulting in a 95% on-time delivery rate and a 20% reduction in testing errors.
- Analyzed and reported on software metrics, identifying areas for improvement and implementing changes that resulted in a 15% increase in software performance.

Digivante - Nairobi, Kenya

Senior Software Tester

March - May 2022

- Demonstrated a 20% improvement in the effectiveness of test cases by refining and optimizing test scenarios, leading to better coverage and higher-quality releases.
- Identified and documented software defects, working closely with the development team to ensure timely resolution and a 15% reduction in software defects.

Utest - Nairobi, Kenya

QA Manual Tester

March 2021 - April 2022

- Executed manual and automated testing, resulting in a 90% test pass rate and a 20% reduction in post-release issues.

Test IO - Nairobi, Kenya

Freelance Tester

March - May 2021

- Learned a lot about high standards for ensuring quality assurance and delivering expected results

EDUCATION

Bachelor of Science - REM in Real Estate Development with IT| Kenyatta University| 2018 – 2022
Cisco Certified Network associate – CCNA 1, CCNA 2, CCNA 3| Kenyatta University| 2018 - 2018

CERTIFICATIONS

Certificate in Introduction to MongoDB – MongoDB University| December 2023
Certificate in Introduction to React JS - Alison, Ireland| October 2023
Introduction to Node JS and Module - Alison | October 2023 - November 2023
Certificate in JavaScript Fundamentals - Alison, Ireland| September 2023 - October 2023
Certificate in Python AI and Application Development - Coursera| December 2022 - July 2023
Developing AI Applications with Python and Flask - IBM and Coursera| July 2023

PROJECTS

Food Peeps - This is a restaurant website built on HTML and CSS with DRF integration for the database setting. The website is fully functional and deployed at Project Link.

WOFT – This is a static job posting agency built on HTML, CSS and JavaScript. The website is fully responsive to device sizes. It is deployed to GitHub pages [Project Link.](#)

THEEHIVE – This is a banking website with a modern design and utilizes the incredible power of Tailwind CSS, HTML, JavaScript, React JS and Vite JS. Deployed at [Project Link.](#)

ACCOMPLISHMENTS

A2SV Hackathon 2023 Quarter-Finalist Hackathon | July 2023
Collaboration through a cross-functional team with members situated across Africa. Team management was completely virtual with all project development done via GitHub.

Gold-Rated Python Programmer Hackerank | June 2023
Hackerank is a community of programmers that come together to learn, code, debug, and elevate skills with joint knowledge projects.