



Marcos Ochieng

Software Engineer

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Profile

Experienced Software Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Equipped with a diverse and promising skill-set. Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Professional Experience

09/2022 – present
Nairobi, Kenya

Front End Developer, Dynamic Mobility (Full Time)

- Develop and test internal dashboards that mainly help to streamline data management using React and Redux.
- I leverage AJAX and JSON technologies to establish seamless data exchange between the front-end and back-end systems, enhancing the responsiveness and interactivity of the application.
- Optimize page load times by 7% through the implementation of caching and minification techniques, enabling faster page rendering, reducing server load, and improving the overall user experience.
- Integrate third-party APIs to expand functionality and enrich the user experience, providing additional features and services to the application.
- Implement comprehensive unit tests using Enzyme and Cypress to ensure code integrity and reduce the occurrence of bugs in production..
- Utilize version control systems such as Git to manage code changes effectively and facilitate collaboration with other developers, ensuring efficient project management and codebase integrity.

10/2022 – present
Nairobi, Kenya

Front End Developer, Muer Solutions (Full Time)

- I collaborate with the startup's team to define the frontend technology stack, architecture, and best practices. Help make informed decisions on frameworks, libraries, and tools to ensure efficient and scalable development.
- I develop and test internal dashboards that mainly help to streamline data management React and Redux.
- I lead and coordinate all frontend processes by use of Jira.
- Work closely with designers to implement intuitive and visually appealing user interfaces. Provide feedback on design concepts, usability, and accessibility considerations.
- Write clean, modular, and maintainable code using React and Next.js
- Implement responsive layouts and optimize performance for various devices and browsers.

02/2021 – 05/2022
Nairobi, Kenya

Front End Developer, AICE AFRICA (Contract)

- Developed a responsive website using React and Tailwind that is optimized for both desktop and mobile devices, resulting in a 90% increase in user engagement, longer sessions, higher page views, and improved conversion rates.
- Engineered a scalable and high-performance front-end architecture that optimized the website's responsiveness and loading times, resulting in improved user engagement and satisfaction.
- Designed and developed a secure and interactive web application using a Next.js, ensuring a seamless user experience with an intuitive interface.
- Implemented a robust RESTful API that facilitated secure and efficient data transfer between the front-end and back-end systems, enhancing the overall functionality and reliability of the application.

07/2020 – 01/2021
Nairobi, Kenya

Front End Developer, Optica (Contract)

- Implemented comprehensive unit tests using Cypress and Enzyme to ensure code integrity and reduce the occurrence of bugs in production, resulting in improved software quality and reliability.
- Leveraged AJAX and JSON technologies to establish seamless data exchange between the front-end and back-end systems, enhancing the responsiveness and interactivity of the application.
- Integrated third-party APIs to expand functionality and enrich the user experience, providing additional features and services to the application.
- Achieved significantly higher customer satisfaction and conversion rates due to the faster page loading, resulting in longer average session durations, increased page views, and improved user engagement.

Education

01/2020 – 06/2020
Nairobi, Kenya

Software Engineering, Moringa School

I graduated from Moringa School with a comprehensive understanding of the software development cycle, strong coding skills, and a passion for continuous learning. I excelled in building a web application for a non-profit organization, resulting in a significant increase in online donations. I also ranked highly in coding competitions, showcasing my technical expertise and ability to thrive in a competitive environment. Equipped with a solid foundation and a drive for innovation, I am eager to contribute to impactful software development projects.

09/2016 – 12/2021

Bachelors Degree, Moi University

Skills

- | | | |
|----------------|---------------|-------------|
| • HTML | • CSS | • Sass |
| • Tailwind Css | • Material UI | • Bootstrap |
| • JavaScript | • React.js | • Next.js |
| • Vue.js | • Python | • Django |
| • Git | • AWS | • Postgres |

References

Joseph Wambua, *Project Manager*, Optica
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David Muchiri, *Project Manager*, Dynamic Mobility
dmuchiri69@gmail.com, (+254) 0718 931 392

Brian Kivuti, *Lead Engineer*, Muer Solutions
briankivuti1@gmail.com, (+254) 0705 275 702

Cyril Tumbo, *Software Engineer*, Equity Bank
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Organizations

Nairobi, Kenya

Moringa School, *Volunteer Technical Mentor*