



# Marcos Ochieng

## Software Engineer

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### Profile

Passionate 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

#### **Software 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 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.

11/2022 – 10/2023  
Nairobi, Kenya

#### **Front End Developer, Muer Solutions (Contract)**

- I play a key role in improving healthcare operations by developing the front-end interface for a sophisticated Health Management System. This system optimizes hospital workflows, enhances communication, and ensures efficient data management.
- My focus is on creating intuitive interfaces that empower staff to manage patient data effectively and streamline essential tasks. With expertise in front-end technologies, I contribute significantly to the system's design, enhancing the overall efficiency of hospital operations."

02/2021 – 05/2022  
Nairobi, Kenya

#### **Front End Developer, AICE AFRICA (Contract)**

- Developed a responsive web application using React and Tailwind that is optimized for both desktop and mobile devices, resulting in an 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.

01/2022 – 06/2022  
Nairobi, Kenya

#### **Full Stack Developer, Optica (Contract)**

- Implemented a robust RESTful API that facilitated secure and efficient data transfer between the front-end and back-end systems using Django.
- 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

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09/2021 – 02/2022  
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 Optica, resulting in a significant increase in order tracking and order management. 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 – 08/2020  
Eldoret, Kenya

#### **Political Science and Public Administration, Moi University**

## Skills

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|-------------------|---------------|-------------|
| • HTML            | • CSS         | • Sass      |
| • Tailwind Css    | • Material UI | • Bootstrap |
| • JavaScript      | • React.js    | • Next.js   |
| • Vue.js          | • Typescript  | • Python    |
| • Django          | • Git         | • Docker    |
| • Microsoft azure |               |             |

## References

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**Joseph Wambua**, *Project Manager*, Optica  
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**David Muchiri**, *Project Manager*, Dynamic Mobility  
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**Brian Kivuti**, *CEO and Founder*, Muer Solutions  
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