

# Marcos Ochieng

## Software Engineer

✉ marcosgav80@gmail.com ☎ +254 716 751 302 📍 00100

🌐 <https://www.linkedin.com/in/marcos-ochieng/> 🐙 [github.com/Marcos8060](https://github.com/Marcos8060)

### PROFILE

Experienced software engineer with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Well-versed in technology and writing code to create systems that are reliable and user-friendly. Skilled leader who has the proven ability to motivate, educate, and manage a team of professionals to build software programs and effectively track changes. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight their core competencies, and further their success.

### PROFESSIONAL EXPERIENCE

12/2023 – present  
Nairobi, Kenya

#### **Full Stack Engineer, Think Synergy Limited (Contract)**

- I developed an HR System with React and Node.js, cutting manual entry by 40% and processing time by 30%.
- Developed internal HR dashboards with React and Redux, improving task transparency and reducing manual efforts.
- Led front-end development of a MIS for a UK Nursing Home using Next.js, cutting reporting time by 60% and enhancing efficiency by 35%.
- I optimize and automate CI/CD pipelines for both systems using GitHub
- Enhanced application reliability with Cypress and Jest, reducing critical bugs by 80%.
- I research technologies and provide proof of concept.

09/2021 – 11/2023  
Nairobi, Kenya

#### **Front End Engineer, Dynamic Mobility Technology**

- I led front-end development of a Risk Management System with React and Redux, cutting reporting time by 40% and boosting decision accuracy by 30%.
- I developed an Admin Management System for NCBA Bank using Next.js and TypeScript, streamlining administrative tasks and improving operational efficiency.
- I collaborated with UI/UX teams to deliver responsive, user-friendly interfaces, increasing user satisfaction by 35%.
- I implemented testing with Jest and Cypress, reducing bugs by 75%.
- Orchestrated processes and workflows to deploy above applications seamlessly i.e., by use of GitHub actions and Docker.
- I researched technologies and provided proof of concept.

01/2021 – 08/2021  
Nairobi, Kenya

#### **Backend Engineer, Optica (Contract)**

- I developed on an Order Tracking System for Optica using Python and Django, reducing order tracking time across branches by 40%.
- I developed a RESTful APIs for efficient order management and seamless branch coordination.
- I optimized data handling with PostgreSQL, reducing query response time by 50% while maintaining data integrity.

- I secured sensitive data with role-based access control, ensuring 100% compliance with data protection standards.
- I enhanced reliability through unit and integration testing, cutting bugs by 70% and improving system uptime.
- I researched technologies and provided proof of concept.

## EDUCATION

05/2020 – 11/2020  
Nairobi, Kenya

**Software Engineering, Moringa School**

09/2016 – 08/2019  
Eldoret, Kenya

**Bachelors Degree, Moi University**

## SKILLS

- |                   |                |                             |
|-------------------|----------------|-----------------------------|
| • HTML            | • CSS          | • Sass                      |
| • Tailwind Css    | • Material UI  | • Bootstrap                 |
| • Chakra UI       | • JavaScript   | • React.js                  |
| • React Storybook | • React Native | • Next.js                   |
| • Redux Toolkit   | • Typescript   | • Nodejs                    |
| • Python          | • Django       | • Git                       |
| • PostgreSQL      | • Docker       | • Web Scraping (Automation) |
| • CI/CD Pipelines |                |                             |