

Joseph Kariuki

Software Engineer



Nyeri, Kenya



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github.com/kariuki-joseph

Innovation-driven software engineer with strong background in Backend development, Android programming and DevOps. Dedicated to providing quality services that aligns with business requirements and end-user. Detail-oriented and collaborative team player with strong communication and analytical abilities.



Technical Profile

- Android Programming: Java, Kotlin, Flutter
- Web Development: HTML, CSS, Javascript, Vuejs, Reactjs
- Backend: Nodejs, Java, PHP(Laravel)
- Databases: MySQL, MongoDB, Firebase, REDIS
- Version Control: Git and GitHub
- Data Structures and Algorithms + Design Patterns



Experience

Jun 2023 - Sep
2023

Software Engineering Intern and Tech Lead

Glitex Solutions Ltd, Nakuru - Kenya

- Lead a team of 4 members in development and implementation of HabaPay, a small and incremental mobile payment wallet App following an agile methodology.
- Developed initial version of the mobile UI with Flutter
- Implemented a complete backend API for the HabaPay project using Nodejs and MySQL.
- Developed automated tests with Jest that made the code more reliable and predictable
- Set up CI-CD pipeline with Github Actions that led to faster shipment of new features.

April 2021 - Feb
2023

Full-Stack Developer

Superworkmates.com, Nakuru - Kenya

- Authored code in JavaScript(Vuejs framework) enabling building of complex UI logic as well as improved user experience.
- Developed a custom-made SMS API solution that cut costs incurred from third-party SMS providers by over 50%
- Engineered 3+ microservices using Nodejs and Docker which led to decoupled and more scalable backend infrastructure as well as reduced loading times.



Education

Sep 2020 -
Current

Bachelor of Science: Computer Science

Dedan Kimathi University of Technology - Nyeri, Kenya

Jan 2020 - Aug
2020

Android Programming, Web Design and Development

Zalego Institute - Westlands, Nairobi-Kenya

2016 - 2019

KCSE: A-

Machakos School - Machakos, Kenya



Accomplishments

- Developed a NodeJs backend API for HabaPay that served both web and mobile platforms: <https://github.com/glitex-interns-june-2023/habapay-api>
- Collaborated with team of 5 members in to develop Kwako - A House-hunting Mobile App: <https://github.com/kariuki-joseph/kwako>
- Developed a custom-made SMS API solution for Superworkmates that cut costs incurred from using third-party SMS providers by over 50%
- Have completed and hosted several web-based projects to the cloud