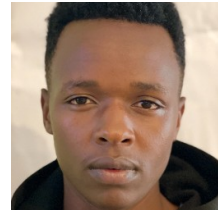# Joseph Kariuki

Software Engineer

📍 Nairobi, Kenya

📞 0114 662 464

✉️ kariuki.joseph121@gmail.com

github.com/kariuki-joseph

Innovation-driven software engineer with strong background in Backend Development, Mobile Development and DevOps. Dedicated to providing quality, scalable and maintainable software solutions. Detail-oriented and collaborative team player with strong communication and analytical abilities.

Skills

- Mobile Development: Java, Kotlin, Flutter
- Web Development: TailwindCSS, Javascript, Vuejs, Reactjs
- Backend: Node.js, Java, PHP(Laravel)
- Databases: MySQL, MongoDB, Firebase, REDIS
- Version Control: Git and GitHub
- DevOps: Docker, GitHub Actions
- Data Structures and Algorithms + Design Patterns

Experience

Jun 2023 - Sep 2023

Software Engineering Intern and Tech Lead
Glitex Solutions Ltd , Nairobi - 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
- Developed back-end APIs for the HabaPay project using Node.js, MySQL and M-Pesa Daraja APIs
- Developed automated tests for back-end with Jest that made the back-end APIs more reliable and predictable
- Set up CI/CD pipelines with GitHub Actions that led to faster shipment and testing of new features

Apr 2021 - Feb 2023

Full-Stack Developer
Superworkmates.com, Nakuru - Kenya
- Authored code in JavaScript(Vue.js framework) enabling building of complex UI logic with 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 Node.js and Docker which led to decoupled and more scalable back-end infrastructure as well as reduced latency

Education

Sep 2020 - Apr 2024

Bachelor of Science: Computer Science
Dedan Kimathi University of Techonology - Nyeri, Kenya

Jan 2020 - Aug 2020

Android Programming,Web Design and Development
Zalego Institute - Westlands, Nairobi-Kenya

Accomplishments

- Developed a Node.js 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%