

Samuel Njuguna Karanja

Front-End Engineer

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<https://samuel-karanja-portfolio.netlify.app/>

0719413656

Nairobi, Kenya

I'm a dedicated and efficient Front-End Engineer with 3+ years of experience. I also believe in the power of programming to transform and improve the lives of people around us and the world.

Work Experience

Technical Writer

Jun 2023 - Oct 2025

[Baeldung](https://baeldung.com) | Bucharest, Romania

Authored verified Linux and SQL tutorials published on Baeldung.

- Wrote tutorials on Linux commands and system administration.
- Ensured technical accuracy and readability for developers and system admins.

Front-End Engineer (React & React Native)

Jan 2025 - Jun 2025

[Sacco App \(Personal Project\)](https://saccapp.com) | Nairobi, Kenya

Built a financial management system with Next.js, React Native, and Redux Toolkit.

- Designed and developed multiple screens, such as savings, deposits, and withdrawals, using React Native.
- Implemented JWT authentication and role-based authorization.
- Collaborated with the backend engineer to integrate M-Pesa Daraja API for STK Push, callbacks, and payment verification.

Front-End Engineer

Mar 2019 - Apr 2024

[KK VENTURES \(OasisTips\)](https://kkventures.com) | Nairobi, Kenya

Developed the front-end for a subscription-based betting tips platform using React.js.

- Collaborated with the backend developer to integrate the backend with the front end.
- Conducted unit and loading tests to increase site performance.
- Helped in the design and implementation of web pages.
- Optimized the performance, quality, and responsiveness of the site.

Web Content Editor

Feb 2019 - Oct 2020

[Wezago](https://wezago.com) | Nairobi, Kenya

- Collaborated with other content creators in creating, designing, and uploading content on the site

Core Skills

Languages & Frameworks: JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js

State Management: Redux Toolkit, Context API, Zustand

DevOps Tools: Jira, Git, GitHub, Postman

Soft Skills: Technical Writing, Problem Solving, Collaboration, Clean Code Practices

Education

Independent Study

Mar 2019 - Present

Self-Taught FrontEnd Engineer

Minor: RESTful API integration and State management, UI/UX and Design Systems, Unit tests (Jest), Integration tests (React Testing Library)

NAIROBI TECHNICAL TRAINING INSTITUTE

Nov 2016 - Nov 2019

Diploma Information Communication and Technology(ICT)

Languages

English (*Professional*)

Interests

Docker, Docker Compose, Kubernetes, AI Integration