



KEN NJOGU

Senior Software Engineer

Nairobi, Kenya | [linkedin.com/in/ken-njogu](https://www.linkedin.com/in/ken-njogu) | github.com/ken-nah | njogu.kariuki.ken@gmail.com
| (254) 703455619

Software Engineer with 7+ years of experience developing scalable applications, improving system performance and automating workflows. Skilled in full-stack development, cloud technologies and CI/CD.

WORK EXPERIENCE

SCHOLASTIC

Senior Software Engineer | Nov 2022 - Dec 2025

- Collaborated with an engineering team to build a cross-platform interactive learning solution (iOS/Android using react-native) where classrooms connect live with authors.
- Designed and deployed highly efficient APIs using Node.js and GraphQL, integrated with third-party systems, including generative AI services, to enhance platform features.
- Implemented real-time database systems to support live events, ensuring seamless data synchronization, low latency, and reliability for thousands of concurrent users.

MARKETFORCE

Senior Frontend Developer | Dec 2020 - Mar 2023

- Built CI/CD primitives to enable JavaScript code sharing and reliable test pyramid to unify the frontend codebase and accelerate development. Scaling from 3 to 10 FE contributors.
- Developed and maintained a reusable component library to accelerate development and enforce consistency.
- Involved in the conception, design, architecture, implementation, testing and maintenance of a feature rich e-commerce platform with complex modules for both B2B and B2C customers.

GLADYS FINANCIALS

Mobile Developer | Apr 2021 - Feb 2022

- Developed front-end user interface using React Native and Typescript for IOS and android mobile applications.
- Optimized monorepo tooling with TurboRepo, reducing build times by 80-90% and significantly improving developer experience.
- Worked on reducing technical debt for the whole project. Most notable contributions are configuring and optimizing CI pipeline and upgrading React Native to the latest version at that time (10 versions upgrade).

TOSPAY LIMITED

Lead FrontEnd Developer | Sep 2019 - Dec 2020

- Led frontend development architecture, release cycles and mentored peers while collaborating with UI and backend teams.
- Collaborated with product managers, backend developers, designers and other stakeholders to make sure that feature implementation met business requirements.
- Built complex UI dashboards using Javascript, React, HTML5, CSS3, Typescript and Next.js ensuring proper documentation and reports in all stages of product life cycles.

HIGHTECH LTD

Full Stack Developer | Apr 2019 - Oct 2019

- Developed and proposed new technologies to improve existing systems.
- Revamped UI,UX and overall design aesthetic of the business critical customers facing portals.
- Assisted in architecturing and implementing GraphQL and REST API interfaces using Javascript and Node.js.

EDUCATION

KISII UNIVERSITY

Bachelors | 2015 - 2019

- Bachelor of Science (BS) in Computer Science

SKILLS

Languages: Python, Typescript, JavaScript

Backend/APIs: Microservices, REST, GraphQL, gRPC, OpenAPI 3.0, Kafka, Node, PostgreSQL, MySQL, MongoDB, Vault

Cloud/Infrastructure: AWS, GCP, Kubernetes, Terraform, Docker, GitHub Actions

Frontend: React, React Native, Next.js, Tailwind, Material UI

AI/ML: RAG, LLM APIs, ChromaDB