

Steven Maina

Full Stack Developer | Flutter & JavaScript Specialist

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Skills

- **Programming Languages:** Dart, JavaScript, TypeScript, Go, Python
 - **Frontend:** React, NextJS, Tailwind CSS
 - **Backend:** Go, NodeJS
 - **Mobile Development:** Flutter
 - **Tools & Platforms:** Docker, AWS, GCP, PostgreSQL, Firebase
 - **Development Practices:** Full-Stack Development, CI/CD, UX/UI Design, System Design, Consulting
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Experience

Volane International, Nairobi, Kenya

Senior Software Engineer

May 2022 - Present

- Collaborated with product and marketing teams to redesign the mobile onboarding process, improving retention and user experience by 40%.
- Launched an advanced monitoring system for LPG operations that reduced manual data entry errors, resulting in 30% fewer discrepancies in monthly reporting and increasing accuracy in financial projections.
- Drove the adoption of IoT technology within Flutter apps, achieving a 22% increase in operational efficiency by automating inventory monitoring processes that were previously reliant on manual checks and outdated systems.
- Engineered a state-of-the-art AI chatbot for the customer service team that facilitated real-time responses to user inquiries, resulting in enhanced customer satisfaction scores and increased NPS by 15 points over three months.
- Orchestrated daily stand-ups and sprint planning with a focus on team transparency, resulting in a 15% improvement in task prioritization and a notable reduction in project bottlenecks for a team of 6.

Consultant Roles

February 2021 - January 2024

- Innovated a Peer-to-Peer lending solution with NextJS, which attracted over 1,500 new borrowers; the initiative led to improved processing speed, enhancing overall user satisfaction and retention within the lending platform (Valor | Capital Network).
 - Spearheaded the integration of FCM messaging within mobile applications, enhancing user interaction and retention strategies; achieved a remarkable 70% increase in user engagement metrics over a three-month period (Ratiba).
 - Crafted a daily affirmation and recommendation engine using Go and Flutter, achieving a 44% increase in user retention through personalized suggestions and enhanced user engagement features tailored to individual preferences (Being).
 - Implemented a cutting-edge booking and locator application using Flutter; the solution has driven user interaction to over 3,000 unique sessions weekly, thereby improving the customer experience and retention metrics (Mobi Tyres).
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Savannah Informatics, Nairobi, Kenya

Software Engineer

June 2020 - March 2022

- Constructed an innovative health insurance web platform focused on user experience and fast policy comparisons; the tool's effectiveness led to a 30% decrease in customer support inquiries related to policy selection. ([BeWel Website](#)).

- Developed a user-friendly insurance management platform with Flutter, resulting in a robust system that processes over 1,000 policy applications monthly, enhancing operational efficiency and customer satisfaction. ([BeWel App](#)).
- Designed and executed a streamlined identity verification process, which decreased fraud attempts by 77% and allowed for quicker onboarding, facilitating over 200 new customer registrations weekly.

IFunza, USA

Software Engineer

October 2021 - March 2022

- Pioneered an in-house credit-scoring system to offer education loans, increasing product acquisition by 20% through NodeJS & NextJS ([iFunza Learning Platform](#)).
- Refined server-side code through rigorous testing and refactoring, driving 65% test coverage, which resulted in a significant reduction of production errors by 40% and an overall improvement in system stability.
- Collaborated on a project to integrate third-party APIs, which expanded functionality and user options, leading to a measurable improvement in customer feedback scores by 35% within the initial month of implementation.

Education

Murang'a University of Technology, Murang'a, Kenya

BSc. Mathematics & Computer Science

September 2015 - January 2017

- Focused on building a strong foundation in computer science.
- Transitioned into the software industry before completing the degree due to financial constraints.