

ANTHONY MWANGI

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PROFESSIONAL SUMMARY

Senior UI/UX Developer with 7+ years of experience building scalable, component-based web and mobile applications using React, React Native, TypeScript, HTML5, and CSS3. Expert at translating complex, data-heavy systems into intuitive, accessible, and responsive interfaces while partnering with Product, Design, and Backend teams to validate technical feasibility. Experienced in establishing design systems and shared component libraries (Storybook, Tailwind, Material UI), integrating CI/CD and test automation, and using instrumentation to drive data-driven UX improvements. Currently leading a mobile engineering team on a multi-tenant white-label e-commerce platform, owning architectural decisions and platform standards.

WORK EXPERIENCE

Senior React Native Engineer (Mobile Team Lead)

Scrums.com | Johannesburg, South Africa | April 2025 – Present

- Leading the architectural conversion of OneCart's marketplace app into a white-label SaaS product, creating a shared component library (React / React Native) across 3 consuming apps to establish a component-based architecture that unifies web and mobile UI and accelerates delivery.
- Established unified coding standards, linting, PR/commit conventions, and documentation across previously inconsistent shopper and marketplace codebases, reducing PR review time and developer-introduced regressions.
- Built a structured logging and analytics layer to surface real-user behavior and friction points in the shopping flow, enabling data-driven UX improvements and prioritized performance fixes.
- Designed a feature-flag architecture enabling two vendor-specific integrations with zero regressions to the core codebase and safer incremental rollouts.
- Enforced test-driven development and expanded automated test coverage (600+ unit tests across 56 suites) with Playwright/WebdriverIO E2E coverage for the full shopping flow; integrated tests into CI pipelines to catch device-specific bugs and support platform refactors.

Front-End Software Engineer (React, Next.js, GraphQL, Java Spring Boot)

Zepz.io | Nairobi, Kenya | June 2023 – December 2024

- Owned the refactor of two independent brand websites (WorldRemit, Sendwave) into a unified shared component library, built on a content-type-driven rendering pattern (dynamic Contentful-type resolution with override support) that eliminated duplicate component builds across brands—delivering the merged codebase roughly a month ahead of schedule.
- Built a currency calculator and conversion feature that improved WorldRemit's organic search visibility, driving the product to #1 for certain currencies and #2 for overlapping markets as recognized by the growth team.
- Cross-trained into Java Spring Boot to ship customer risk screening workflow features on the FinCrime dashboard, collaborating across a Next.js frontend and Java backend to deliver data-driven UI components for monitoring and decisioning.
- Implemented a caching layer for high-frequency API data (countries, currencies), reducing unnecessary fetching and improving dashboard load times and perceived latency.

Full Stack Engineer (React, React Native, Serverless)

SovTech | Johannesburg, South Africa | February 2021 – June 2023

- Built a mini-program version of the OneCart marketplace app for the Vodacom Super App platform from scratch, delivering 2 months ahead of schedule and assisting the Vodacom platform team with auth and payment integration debugging to enable the first successful launch on the platform.
- Promoted to take ownership of the core shopper app and led a full migration from Expo to bare React Native to overcome platform limitations; redesigned the barcode-scanning flow using Google ML Kit to reduce false positives and introduced step-by-step scan validation to improve scanning accuracy and user throughput.
- Designed and implemented a receipt-upload fraud-prevention feature on a serverless backend using AWS Textract OCR (distinguishing printed vs. handwritten text), matching extracted totals and vendor names against order data and adding multi-step activity, location, and status validation across the shopping flow.
- Rebuilt the internal Spotlight web dashboard with a virtualized list to resolve freezing at 1,000+ concurrent orders, and implemented a color-coded order-status monitoring feature so supervisors could instantly flag at-risk deliveries—supporting the team's 1-hour on-demand delivery SLA.

Backend Engineer

Coretec Solutions Africa | Nairobi, Kenya | September 2017 – January 2021

- Built CoopMIS, a multi-tenant SaaS ERP adopted by 50+ cooperatives under the Botswana Cooperative Association (BOCA) — the company's first cloud product and international market entry.
- Implemented a dynamic configuration architecture that consolidated highly varied institutional requirements onto a single codebase without per-customer forks, using a backend-for-frontend (BFF) API layer wrapping Microsoft Dynamics NAV web services. This unlocked multi-tenancy and enabled the shift from on-premise deployments to cloud SaaS.

EDUCATION

Bachelor of Science: Information Technology

Multimedia University of Kenya | Nairobi, Kenya | September 2013 – July 2017

TECHNICAL SKILLS

Core Languages: TypeScript, JavaScript (ES6+), Java

Frontend & Design System: React Native, React, Next.js, Expo, Figma, HTML5, CSS3, Tailwind, Material UI, Storybook, Responsive Design, Web Accessibility.

Backend & Cloud: Node.js, Serverless (AWS Lambda), Java Spring Boot, Microsoft Dynamics NAV, MySQL

State & Content Management: TanStack Query, REST, GraphQL, Contentful CMS, Sanity CMS

Testing & QA: Jest, React Testing Library, Playwright, WebdriverIO, TDD, E2E

DevOps & Data Visualization: CI/CD pipeline design, Android Gradle build automation, ESLint, Git/PR workflow standards, Firebase, Grafana, Datadog, AWS CloudWatch

Collaboration & Leadership: Technical mentoring, Cross-functional stakeholder management (product/growth), Code review standards, Hiring involvement