

Victor Owiti *Software Developer*

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PROFESSIONAL EXPERIENCE

Ed Partners Africa , Full Stack Developer

Mar 2025 – Present | Nairobi, Kenya

- Leading the development of **Shule Smart** web and mobile applications using **React Native** and **Java Spring Boot**.
- Spearheading third-party integrations with **KCB, Family Bank**, and **Africa's Talking SMS APIs** into the organization's **Core Banking System**, enabling real-time payment notifications and automated GL postings.
- Providing ongoing support to field agents, including logging, prioritizing, and implementing feature requests to improve operational efficiency.
- Leading the development of the **Zera** mobile app using **React Native**, empowering field agents to onboard new loan customers efficiently, with built-in **image capture** and **geo-tagging** capabilities for enhanced data accuracy.

Zeraki, Software Engineer

Jun 2024 – Mar 2025 | Nairobi, Kenya

- Led the development of the frontend for Zeraki Flow, an internal tool used daily by sales and finance teams to streamline operations from ideation to production.
 - Built a **school management module** to facilitate school registration, trial activations, and subscription tracking.
 - Developed an **invoicing system** that automates school billing, enables relationship managers to record cheque and mobile money collections, and ensures tax compliance by integrating with country-specific tax authorities which minimized revenue leakage by 30%.
 - Implemented **sales performance tracking**, allowing salespeople to monitor signups, collections, and churn rates, which contribute to their appraisals, and a **Task manager** module to allow proper monitoring of sales activities by sales managers.
 - Designed and enforced **role-based access control (RBAC)** to ensure secure and restricted access to different features.
 - Utilized **React, Tailwind CSS, Redux Toolkit, and React Router** to build a scalable, efficient, and user-friendly frontend.

Little Cabs Africa , Full Stack Software Developer

Apr 2023 – Jun 2024 | Nairobi, Kenya

- Led the development of the Little POS team to deliver Little Limited's Point of Sale (POS) solution.
- Implemented **payment integrations** with **M-Pesa and Little Pay Wallets**, ensuring smooth and secure transactions.
- Developed **two client applications**:
 - A **React Native mobile app** with access to native modules like WiFi and Bluetooth for seamless printing.
 - A **desktop application** built with **Electron.js**, using React for the renderer process and a nodejs runtime for the main process.
 - Designed a **local SQLite database** to enable offline data storage, reducing API calls and significantly improving performance.

- Wrote **unit and integration tests in Jest** to ensure application reliability and maintainability

Enigma Big Data Labs, *Software Engineer*

Apr 2023 – present | Nairobi, Kenya

- Created robust applications in NextJs leveraging Django and Laravel Apis.
- Built the Admin functionality of the SmartCounty web application.
- Extended the functionality of the App in App web application.

Gema Loyalty Solutions, *Frontend Developer*

Mar 2023 | Nairobi, Kenya

- Rewrote the Client and Admin dashboard applications in Next js and Typescript thereby reducing load time by 60%.
- Enhanced the UX using modern technologies thereby increasing usability.
- User Redux to manage global state and handle client server operations

Workforce Africa , *Software Developer*

Dec 2022 – Mar 2023 | Nairobi, Kenya

- Worked in the team that built the company website, and worked on the careers page that posts jobs dynamically from a custom CMS.
- Used React and MUI 5 to build a custom CMS that allows the site admin to post content and jobs dynamically.
- Wrote the backend code for the Zigo Courier app using Nestjs, thereby letting riders and customers track orders in real-time.

The Collab Lab , *Frontend Developer (Intern)*

Jun 2022 – Nov 2022 | Remote

- Worked in a team of 4 developers in a European/African team to build a smart shopping list application that learns about your purchases over time and recommends items on every visit to the store.
- Used React, TailwindCss and Firebase to build the application.
- Used agile methodologies to ensure the project was on track via code reviews and weekly sprints.
- Did weekly stand-ups where developers would explain the issues worked on and demo the features in production.

LANGUAGES & TOOLS

Git	HTML/CSS
Redux & Zustand	ReactJs/React Native
NodeJs	Express
MongoDb	Typescript/Javascript
Tailwind Css	Spring Boot
PostgreSQL	

EDUCATION

Software Engineering, *ALX - Holberton*

Jun 2021 – Jul 2022 | Nairobi, Kenya

- C programming
- Python
- SQL and NoSQL

- Typescript & Javascript
- React and Redux

PROFILE

User-centered design and development is my forte. Ensuring the needs of the user are transformed into working solutions. I love to challenge myself every day, learn new technologies, and to see a project grow from an idea to a problem-solving product or feature. Literal chills!