

Katlego Sebona

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[Portfolio](#) · [GitHub](#) · [LinkedIn](#)

Professional Summary

Junior software developer (Diploma in IT, Software Development, IIE Rosebank College, completed December 2025) with distinctions in databases, web development and software testing. Built and deployed full-stack apps with Next.js, TypeScript and Appwrite, including two healthcare platforms, plus Android apps in Java. Seeking a junior developer, QA or internship role in Johannesburg.

Technical Skills

- **Languages:** TypeScript, JavaScript, C# (.NET Core), Java, SQL, HTML5/CSS3
- **Frameworks and libraries:** Next.js, React, Node.js, Tailwind CSS, Bootstrap, Android SDK
- **Backend and data:** Appwrite, Firebase, REST APIs, MySQL, PostgreSQL
- **Tools:** Git/GitHub, Azure DevOps, Figma

Projects

MediMatch AI

Next.js, TypeScript, Appwrite · [Live site](#) · [GitHub](#)

- Built a patient-to-practitioner matching feature that uses geolocation to surface nearby verified practitioners.
- Designed a practitioner verification workflow based on HPCSA registration details.
- Typed the data models in TypeScript across the Next.js front end and the Appwrite backend.

KasiClinix

Next.js, TypeScript, Appwrite · [Live site](#) · [GitHub](#)

- Built a clinic management system covering patient records, appointment scheduling and doctor availability tracking.
- Added prescription management, medical inventory and billing and payment features.

Pre-School Website

Next.js, TypeScript, Appwrite, React Quill · [Live site](#) · [GitHub](#)

- Built a custom admin dashboard so school staff can publish news, manage photo galleries and post parent updates without touching code.
- Implemented a blog engine with full create, read, update and delete (CRUD) and a rich text editor, storing data in Appwrite collections and media in Appwrite buckets.
- Used Next.js image optimisation for the gallery and added contact forms linking parents to school administration.

Other projects

- **DigiStok** (V1 prototype): digital stokvel platform for rotational savings groups, designed around USDT stablecoin contributions and smart-contract rules for payout turns. [Live site](#) · [GitHub](#)
- **MedixHub** (Java, Android SDK, XML, Firebase): Android app for finding doctors and clinics with geolocation, booking appointments and setting medication reminders. [GitHub](#)
- **EcoPulse Dashboard** (Java, Android SDK, Appwrite): Android dashboard that tracks sustainability metrics with data visualisations; optimised XML layouts and background threading for smooth rendering. [GitHub](#)
- **GiftOfTheGivers** (C#, MySQL, JavaScript): donation and aid distribution portal with multi-provider payment gateway integration and an inventory tracking dashboard. [GitHub](#)
- **Moses Silinda Inc website** (HTML, CSS, JavaScript): law firm website with a services section, case gallery and client inquiry form. [Live site](#) · [GitHub](#)

Education

Diploma in Information Technology (Software Development)

IIE Rosebank College, Johannesburg · 2023 to 2025 · NQF Level 6 · 360 credits completed December 2025

- Average of 73% across the diploma and 82% in the final year; distinctions in 12 of 24 modules.
- Highest marks: Advanced Databases (98%), Web Development Intermediate (95%), Database Intermediate (90%), Open Source Coding (83% and 86%), Software Quality and Testing (80%).

Higher Certificate in Information Technology (Support Services)

IIE Rosebank College, Johannesburg · 2022 · NQF Level 5

Academic transcripts available on request.