

// SOFTWARE\_DEVELOPER.ZAF

# Sizwe Sigubudu

FULL-STACK · MOBILE · WEB DEVELOPMENT · BACKEND

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Portfolio Website

Durban, South Africa

## PROFILE

Full-Stack Software Developer with an NQF Level 6 Diploma in IT. Skilled in C#, ASP.NET Core, SQL Server, Java, and Android (Kotlin). Builds scalable web and mobile applications with strong backend logic and clean architecture.

## SKILLS

### MOBILE

Kotlin Android Studio RoomDB REST API

### WEB & BACKEND

ASP.NET Core MVC C# .NET HTML5 CSS3 JavaScript

### DATABASE

SQL Server SQLite Supabase CRUD

### TOOLS & PRACTICE

Git & GitHub Visual Studio VS Code OOP MVC Agile SDLC

### LANGUAGES

English Zulu

## EDUCATION

### Rosebank College Durban

Diploma in Software Development

NQF Level 6

2023 - 2025

- > Programming (1A, 1B, 2A, 2B)
- > Database (Intro to Advanced)
- > System Analysis & Design
- > Web Development
- > Human Computer Interaction
- > Information Security
- > Software Quality & Testing
- > IT Project Management

## PROJECTS

### Budget Tracker App

Kotlin · RoomDB · Android Studio

Android budgeting app with expense tracking, goal setting, and spending trend visualisation.

- Built 8 screens: Login, Sign Up, Dashboard, Add Expenses, Goals, Trends, and Rewards
- Local data persistence via RoomDB/SQLite with full CRUD operations
- Data visualisation for spending trends and goal progress

### Lecturer Claim Management System

ASP.NET Core MVC · C# · SQL Server

Web-based claim processing system for academic staff with submission, approval, and document management.

- Full MVC architecture with role-based access for lecturers and coordinators
- File upload support, approval/rejection workflow, and real-time status tracking
- SQL Server backend with stored procedures for all data operations

### Student-Centric Website — Rosebank College

HTML5 · CSS3 · JavaScript · WCAG

Peer-support and mentorship platform for Rosebank College students with WCAG-compliant design.

- Accessible interface following WCAG guidelines throughout
- Peer mentorship access, student support resources, and responsive layout

### Personal Finance App (In Progress)

Supabase · HTML · CSS · JavaScript

Dark-mode mobile finance app with ZAR currency and Supabase backend.

- 4-screen layout: Home, Stats, Goals, and Transaction History
- Supabase integration for real-time data persistence and authentication