

Raymond Mawina

Software Developer

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SUMMARY

Versatile software developer with 4+ years of experience building scalable web, backend and mobile applications. Passionate about clean code, developer experience, and shipping products users love.

SKILLS

Languages Python TypeScript SQL JavaScript Java

Frontend React Next.js Tailwind CSS HTML/CSS

Backend Flask Node.js REST API

DevOps Docker Git CI/CD Linux

Cloud AWS Google Cloud

Tech tools Claude AI Prompt Engineering Refactoring Principles

Databases Postgres MySQL MongoDB MsSQL Redis

EXPERIENCE

Software Developer — Umbono Cloud Services · Johannesburg Aug 2023 – Present
Telecommunications & IT · 20+ employees

- Led the migration of a monolithic Django app to a microservices architecture, reducing deploy time by 60%.
- Built a real-time notification system serving 10 000+ concurrent users using WebSockets.

Software Developer & SME — Umuzi Photo Club · Johannesburg Aug 2022 – Jul 2023
Edutech · 40+ employees

- Delivered a mobile banking app in React Native used by 5 000+ customers.
- Integrated payment APIs (Stripe, PayFast) with robust error handling and idempotency.

Software Developer Intern — Umuzi Photo Club · Johannesburg Apr 2022 – Jul 2022
Edutech · 40+ employees

- Integrated payment APIs (Stripe, PayFast) with robust error handling and idempotency.
- Delivered a mobile banking app in React Native used by 5 000+ customers.

EDUCATION

Bachelors in IT — University of Pretoria 2018 – 2020

National.Cert in IT — Mictseta 2022 – 2023

B.Sc Informatics — University of South Africa 2026 – 2028

PROJECTS

Workflows · flask, html, tailwind, python, postgres, sqlalchemy, alembic Mar 2026 – Present
An AI workflow utility that turns project instructions into an execution plan, breaks the work into manageable tasks, and implements them incrementally based on token limits and available working hours.

workflow.ray-mawina.co.za

Resumes · python, flask, htmx, css, tailwind, postgres Jan 2026 – Jun 2026

An application to help generate ATS resume based on pre-saved profile information.

resumes.ray-mawina.co.za