



Thapelo Magqazana

Software Developer

Reference : Craig Matthews (082 949 2061)

My Contact

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📍 Birch Acres 27, Kempton Park, JHB

🌐 <https://thapelo-magqazana-portfolio.up.railway.app/>

Hard Skill

- Python, Java, JavaScript
- HTTP, HTML, CSS, Persistence
- SQL, MongoDB
- Django, Node.js, React, Spring Boot
- Software Testing, Git, CI/CD, Jira
- Distributed systems, network programming

Soft Skill

- Problem solving
- Analytical Thinking
- Attention to detail
- Teamwork, Communication

Education Background

- University of Witwatersrand
BSc Construction Studies
Completed in 2021
- WeThinkCode_
NQF level 5 qualification in systems development
Completed in 2024

About Me

While laying foundations (literally!), I uncovered a passion for building digital ones. My background in construction management sharpened my problem-solving skills, and coding became a natural extension of that, with endless creative potential. Now, I'm excited to channel my analytical mindset and love for logic into developing the full stack that powers the web, one line of code at a time.

Portfolio Projects

CaloriSee: **(AI-Powered Meal Tracker)**

- 1 Dec 2024 – 2 Jan 2025
- CaloriSee is an AI-powered meal tracking app that simplifies the process of logging meals by automatically detecting food items from uploaded images using YOLOv5. It provides instant nutritional information and helps users maintain daily calorie goals through intuitive daily logs.

Github: <https://github.com/thapelomagqazana/food-snap>

Check out the LIVE DEMO: <https://calorisee.up.railway.app/>

Check more on my portfolio website or LinkedIn profile

Experience

C. Steinweg Bridge Ltd | Software Tester

Mar 2024 – Sep 2024 · 8 mos (Johannesburg · On-site)

Key responsibilities:

- Reviewing software requirements and preparing test scenarios.
- Executing tests on software usability.
- Analyzing test results on database impacts, errors or bugs, and usability.
- Preparing reports on all aspects related to software testing carried out and reporting to the design team.
- Interacting with clients to understand product requirements.
- Participating in design reviews and providing input on requirements, product design, and potential problems.

C. Steinweg Bridge Ltd | Web Developer

Aug 2024 – Nov 2024 · 4 mos (Johannesburg · On-site)

Key responsibilities:

- Built a responsive, marketing-focused website for a cargo tracking solution. Integrated real-time maps with Leaflet and used SEO best practices.