



# Thapelo Magqazana

## Backend Developer

### My Contact

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JHB

🌐 [https://portfoliowebsite-  
production-  
74a1.up.railway.app/](https://portfoliowebsite-production-74a1.up.railway.app/)

### Hard Skill

- Python, Java, JavaScript
- HTTP, HTML, CSS, Persistence
- SQL, MongoDB
- Django, Node.js, React, Spring Boot
- Unit Testing, Git, CI/CD
- 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*  
Expected graduation in 2024

### About Me

While building foundations (literally!), I discovered a passion for building digital ones. My construction background honed my problem-solving skills, and coding felt like an extension of that, but with limitless possibilities. Now, I'm thrilled to translate my analytical eye and love for logic into crafting the invisible engines that power the web, one line of code at a time.

### Portfolio Projects

Siyabhanga backend API

- 1 Jan 2024 – 20 Jan 2024
- Core server-side for Siyabhanga online banking app
- Developed with Node.js, MongoDB, and JWT for secure authentication
- Manages user registration, authentication, bill payments, and fund transfers
- Prioritizes scalability, security, and user-centric features
- Ideal template for cutting-edge banking systems and organizations enhancing financial services.

**Check more on my portfolio website**

### Volunteering

WeThinkCode | Bootcamp Assistant

*Apr 2023 – Jun 2023 · 3 mos*

Key responsibilities:

- Supporting individuals participating in the bootcamp.
- Provide them guidance, offering assistance, information, and tools to help learners navigate and excel in their bootcamp journey.

Young Peers Trading & Projects (Pty) Ltd | Trainee Site Manager

*Apr 2020 – Nov 2020 · 8 mos*

Key responsibilities:

- Collaborated with project teams, leveraging Microsoft Project, boosting overall project efficiency.
- Explored the realms of modern construction management with the adoption of Autodesk Build, aiding in meticulous project planning and punctual delivery.
- Gradually mastered effective project management strategies, ensuring the triumphant completion of projects within set timelines.