

# S'bonelo Mthembu

software Developer

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🔗 <https://portfolio-s-s-mthembu.onrender.com> 🚗 c1 🔄 single

🚩 south African 📅 24 October 2002 📄 0210245572081 🏹 male

♿ No Dissability 🌐 <https://github.com/Sbonelo2?tab=repositories>

🌐 <https://www.linkedin.com/in/mthimban-silwane-53a173387/>



## Profile

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I'm an ICT graduate (NQF Level 6) and Full Stack Developer dedicated to continuous learning and innovation. With a passion for both design and development, I build responsive, data-driven web applications that solve real-world problems. My focus is on growth, creativity, and contributing meaningful value within the Information and Communication Technology space.

## Education

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**Diploma in ICT Business Analysis, Durban University of Technology** 02/2022 – 06/2025

**Diploma in Information and Communication Technology – Business Analysis** Pietermaritzburg

**(NQF Level 6)** Focused on bridging business and technology through systems analysis, database management, software development, and enhancing my effectiveness as a Full Stack Developer and ICT professional.

**Matric, Mashalaza High School** 01/2020 – 11/2021

**Science Stream:** Completed matric with a focus on Mathematics, Physical Science, Life Science, and Agricultural Science. This academic foundation developed strong analytical, logical, and problem-solving skills, which contribute to my effectiveness as a Full Stack Developer and ICT professional. Manguzi

## Skills

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- Computer Literacy
- C#
- JavaScript
- GitHub
- SQL
- Excel
- React
- HTML
- Python
- CSS
- AI Models
- Problem Solving
- Power point presentation
- Node.js

## Languages

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- English
- Isizulu
- sithonga

## Certificates

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### Drivers License

Holder of a valid **Code 10 (C1) driver's license**, demonstrating responsibility, reliability, and the ability to operate medium-sized vehicles safely and efficiently.

### Project Coordinator & events

Experienced in planning and executing projects and events, coordinating teams, managing schedules and resources, and ensuring successful outcomes through effective communication and problem-solving.

## Projects

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### Weather Application [↗](#)

Developed a responsive web-based Weather Application that provides real-time weather updates for any location. Built using modern web technologies, the app integrates APIs to fetch accurate weather data and presents it through a user-friendly interface. Features include temperature display, weather conditions, and dynamic visuals, enhancing user experience and demonstrating proficiency in front-end development, API integration, and responsive design.

### Job Application Tracker [↗](#)

Developed a web-based Job Application Tracker to help users organize and monitor their job applications efficiently. The application allows users to add, update, and track applications, set statuses, and view progress at a glance. Built using modern web technologies, it demonstrates skills in front-end and back-end development, database management, and creating intuitive, user-friendly interfaces.

### Shopping List API [↗](#)

Developed a RESTful API using **Node.js** and **TypeScript** to manage shopping lists efficiently. The API supports **creating, reading, updating, and deleting** items, with robust validation and error handling to ensure data integrity. Implemented consistent JSON responses and type safety, demonstrating skills in backend development, API design, and maintainable, scalable code.

### Music Playlist API [↗](#)

Developed a RESTful API using **Node.js** and **TypeScript** to manage music playlists efficiently. The API supports **creating, reading, updating, and deleting** songs and playlists, with robust validation and error handling to ensure data consistency. Implemented type safety, structured JSON responses, and scalable design, demonstrating strong backend development and API design skills.

### Redux Dictionary App [↗](#)

Developed a dynamic web application using **React** and **Redux** to provide users with definitions, synonyms, and pronunciations of words. Integrated external dictionary APIs to fetch real-time data and implemented state management with Redux for efficient data handling. The app features a responsive design, intuitive user interface, and seamless user experience, demonstrating proficiency in front-end development, API integration, and modern state management techniques.

### Simple Ollama AI [↗](#)

Developed an AI-powered web application using **React** to interact with the Ollama API. The app allows users to input queries and receive intelligent, real-time responses. Implemented a clean, responsive interface for seamless user interaction and leveraged asynchronous API calls for efficient data handling. This project demonstrates skills in front-end development, API integration, and building interactive AI-driven applications.

## References

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**L Makhaye**, TTACTSO Representative Chairperson  
076 065 8736

**Miss Gwala**, Mtric  
079 270 3411