

# T H E M B A M T S H E L W A N E .

Johannesburg, Gauteng • 084 480 4140

Thembamm3@gmail.com • [GitHub](#) • [Portfolio Website](#)

## S U M M A R Y .

Driven and skilled Software Developer with a BSc (Hons) in Information Engineering. I am advancing my expertise as a Software Developer Intern at Tshimologong, specializing in creating responsive, user-focused websites. I am committed to solving complex problems and enhancing user experiences through innovative, efficient code.

## E D U C A T I O N .

Bachelor of Science in (Electrical) Information Engineering, 2024  
University of the Witwatersrand, Johannesburg.

## W O R K E X P E R I E N C E .

### Software Developer Intern.

*Tshimologong - Digital Innovation Precinct*

Johannesburg | July 2024 – Present

Katlego Molala | katlego@tshimologong.joburg

- Currently working as a frontend/full-stack web developer, focusing on creating responsive and dynamic websites using React, TypeScript, Tailwind CSS, NodeJS and Express.
- I am currently leading my team in developing a creative writing website. Setting up meetings, delegating and tracking tasks through Trello.

### Full-Stack Developer.

*Freelance*

Online | Feb 2023 – Feb 2024

Philippe Ferrer | philippe.ferrer@wits.ac.za | 011 717 6865

- Independently developed two demos of Learning Management System (LMS) websites using React, NextJS, Chakra UI, and Firebase.
- The quizzes are in a Binary Tree format allowing to isolate a student's problem area.

### Teaching Assistant.

*University of the Witwatersrand*

Johannesburg | Sep 2023 – Nov 2023

Stephen Levitt | [stephen.levitt@wits.ac.za](mailto:stephen.levitt@wits.ac.za) | 011 717 7209

- Assisted in marking and reviewing code which included student labs and projects written in C++ using SFML and Doctest.
- Developed effective communication skills by conveying complex technical concepts to students. Concepts such as Object Oriented Programming, Unit Tests, MVC architecture.

## **S K I L L S .**

### **Technical Skills.**

- Front-end Development: HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, Context API and Zustand.
- Back-end Development: Express, NodeJS and REST-full APIs.
- Version Control: GitHub.
- Database: Firebase, MongoDB and SQL.
- Figma and Trello.
- AI prompting.

### **Soft Skills.**

- Great communication skills.
- Problem-solving.
- Flexibility and Adaptability.
- Creativity and Critical Thinking.
- Time Management and Planning
- Attention to Detail.