

# Motlalepula Mbali Kgathane

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## PROFILE SUMMARY

Full-stack developer with a strong foundation in Java, Spring Boot, Angular, and MySQL. Proven ability to design and implement web applications, as demonstrated through projects like the Florest WebApplication and Nursery Service System. Eager to contribute to a dynamic team and apply my skills to real-world challenges. Seeking a challenging role where I can leverage my skills in problem-solving and secure coding to create innovative solutions.

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## EDUCATION

### Cape Peninsula University of Technology

Diploma in Information Communication and Technology in Application Development | 2024

### RichField Graduate Institute of Technology

Higher Certificate in Information Technology | 2021

### Allen Glen High School

Matric | 2020

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## SKILLS SUMMARY

- Languages: Java, JavaScript, PHP, SQL, HTML, CSS
- Frameworks: SpringBoot, Angular, Node.js, React
- Databases: MySQL, SQLite
- Platforms: Git, Visual Studio Code, IntelliJ IDEA, Netbeans
- Methodologies: Rest APIs, Agile Methodologies, Software Development Life Cycle
- Soft Skills: Strong communication, Team collaboration, Problem-solving, Analytical thinking

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## PROFESSIONAL EXPERIENCE

### Full Stack Developer Intern | Pillar 5 Group

July 2024 - December 2024

- Designed and implemented a full-stack Cafeteria Management System, incorporating a user-friendly UI, MySQL database, and RESTful API, resulting in a 30% reduction in order processing time.
- Developed a tablet-based Nursery Service System for clinics to prioritize patient care and reduce waiting times, utilizing Java and Spring Boot for backend services and React for the frontend.
- Demonstrated strong problem-solving skills and adherence to best practices in software development across both projects.

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## PROJECTS

### Capstone Florest WebApplication

- **Technologies:** Java, Angular and Springboot
- **Duration:** March - October 2024 | Cape Peninsula University of Technology
- **Description:** Designed and developed a web application for small vendors to manage florist services. Focused on backend development using Java and Spring Boot to create a robust API.

### Nursery Service System

- **Technologies:** Java, React, MySQL and Springboot
- **Duration:** September - December 2024 | The Pillar 5 Group
- **Description:** Developed a tablet-based nursery service system for clinics to prioritize patient care and reduce waiting times. The application streamlines check-in and appointment management, utilizing Java and Spring Boot for the backend and React with MySQL for the frontend. Additionally, I documented project requirements and contributed to both design and development phases.