

## **THABANG MAGAELE**

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## **PROFESSIONAL SUMMARY**

Detail-oriented Software Development student with live production experience in web development (HTML/CSS/JS). Passionate about Java development and currently upskilling in AWS Cloud Architecture. Seeking internship opportunities to apply problem-solving skills in a collaborative team.

## **EDUCATION**

Diploma in Information and Communication Technology in Application Development

University of Mpumalanga

Expected Graduation: Dec 2026

## **TECHNICAL SKILLS**

Programming Languages: Java, JavaScript, HTML, CSS, SQL

Databases: MySQL, SQLite

Tools & Technologies: Git, GitHub, JavaFX, SceneBuilder

Other Skills: Problem Solving, Teamwork, Communication, Attention to Detail, Adaptability

## **PROJECTS**

H2O AutoSpa Website

- Designed and developed a responsive website for a car wash business using HTML, CSS, and JavaScript.
- Integrated Google Maps API for location services and optimized the site for mobile devices and cross-browser compatibility.
- Live Site: <https://h2oautospacarwash.co.za>

Fuel Admin System

- Developed a desktop administration system as a second-year academic group project using Java, JavaFX, SceneBuilder, and SQLite.
- Engineered core features including secure user authentication, CRUD operations for managing fuel requests, and SMS notifications via the BulkSMS API.
- Managed all application data persistence for fuel requests through an SQLite database.
- Utilized Git for version control in a collaborative team environment, focusing on real-world problem-solving.

#### **ADDITIONAL INFORMATION**

Certificate in Full Stack Development - FNB App Academy (Student Number 687EA22FCCA9C)

Currently pursuing AWS Cloud Practitioner and Solutions Architect certifications