

# Lilitha Innocent Mdlalana

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## RELEVANT PROJECTS

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### FitQuest

[fitquest](#)

- Designed and developed a fitness-tracking app featuring real-time location tracking, route mapping, and progress tracking.
- Incorporated offline-first functionality for seamless user experience and data synchronization between local storage and Firebase.
- **Tech Stack:** Flutter, FlutterMap, Firebase, SQFLite

### LPT-LMS Tool

[lpt\\_lms](#)

- Collaboratively developed a CLI tool to streamline the WTC\_ review process by automating review acceptance, review cloning, and Slack messaging for reviewers.
- **Tech stack:** Python, Selenium, Bash scripting

### Book Tracker

[book\\_tracker](#)

- Built a CRUD book management system to track reading progress and manage book data.
- Connected book records to users, allowing tracking of multiple books, progress, and quotes.
- **Tech stack:** Python, Flask, JWT, React

### Robot Worlds

[robot\\_worlds](#)

- Designed a client-server application in Java, implementing obstacle management and real-time interactions in a simulated environment.
- **Tech stack:** Java, Sockets, Javalin, Docker

## SKILLS & TOOLS

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**Technical Skills:** Java, Python, Javascript, HTML/CSS, SQL, Dart

**Framework & Libraries:** Javalin, Vue.js, React, Flutter

**Tools:** TDD, Docker, APIs, CI/CD, Version Control (Git)

**Certifications:** Front End Development Libraries, Responsive Web Design, JavaScript Algorithms and Data Structures, CodSoft Internship Completion

## EDUCATION

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### WeThinkCode\_

Cape Town, Western Cape

Higher Certificate in Software Engineering

2023-2024

- *Recognized as a Top 50 Student across all campuses for academic excellence*
- Relevant Coursework: Software Engineering; Web Development; Mobile Development; Algorithms

## ACTIVITIES

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### WeThinkCode\_

Bootcamp Assistant

- Hosted workshops to help boot campers understand important programming concepts.
- Assisted boot campers with technical problems and issues that came up with WTC\_ computers and systems.