

Lehlohonolo Tshabalala

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Education

WeThinkCode_	Sep 2024 – Dec 2025
Diploma in Software Engineering	
Aha-Thuto Secondary School	Aug. 2018 – May 2021
Grade 12 / Matric Majored in Maths & Science	

Experience

Data Capturer Mpumelelo Clinic	Jan 2021 – Mar 2023
<ul style="list-style-type: none">• Captured and managed data using HIS, DHIS, and Tier.net.• Supported HIS project activities.• Produced ART reports (weekly, monthly, quarterly).• Maintained registers and performed data backups.• Updated defaulter tracing tool with CHW outcomes.• Ensured accuracy through data quality assessments.	
Administration Clerk Department of Health	Jan 2020 – Dec 2020
<ul style="list-style-type: none">• Registered patients and maintained filing systems.• Managed collection tools and shared reports with facility manager.• Prepared folders for patient appointments.• Updated and controlled patient file information.• Handled telephone calls and secured files.• Filed documents accurately within timelines.• Updated daily logs and assisted with photocopying.	

Projects

Gym Application React.js, Tailwind CSS, FastAPI, PostgreSQL, PyTorch, OpenAI API	July 2025 – Present
<ul style="list-style-type: none">• AI-Powered Workout Recommendations – Personalized workout plans based on fitness levels and goals.• Smart Diet & Nutrition Guide – AI-generated meal plans for users.• Pose Detection & Form Correction – AI analyzes workout form and provides real-time feedback.• AI Chatbot – Assists with workout guidance, fitness tips, and general queries Progress Tracking & Analytics – AI predicts progress and provides reports. Gym Membership & Subscription Management – Users can manage their membership plans.	
Task Manager HTML, CSS and Java	Dec 2024 – Mar 2025
<ul style="list-style-type: none">• Add Tasks: Easily create new tasks with a description.• View Tasks: Display all added tasks in a clean and organized list.• Delete Tasks: Remove tasks that are no longer needed.• Responsive Design: Works seamlessly on both desktop and mobile devices.• RESTful API: Backend API for handling task creation, retrieval, and deletion.	

Technical Skills

Languages : Java, Python, SQL (Postgres), JavaScript, HTML/CSS
Frameworks : React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools : Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries : pandas, NumPy, Matplotlib