

# Lehlohonolo Tshabalala

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## Education

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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

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

## Projects

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Gym Application   React.js, Tailwind CSS, FastAPI, PostgreSQL, PyTorch, OpenAI API	July 2025 – Present
<ul style="list-style-type: none"><li>AI-Powered Workout Recommendations – Personalized workout plans based on fitness levels and goals.</li><li>Smart Diet &amp; Nutrition Guide – AI-generated meal plans for users.</li><li>Pose Detection &amp; Form Correction – AI analyzes workout form and provides real-time feedback.</li><li>AI Chatbot – Assists with workout guidance, fitness tips, and general queries</li><li>Progress Tracking &amp; Analytics – AI predicts progress and provides reports.</li><li>Gym Membership &amp; Subscription Management – Users can manage their membership plans.</li></ul>	

Task Manager   HTML, CSS and Java	Dec 2024 – Mar 2025
<ul style="list-style-type: none"><li>Add Tasks: Easily create new tasks with a description.</li><li>View Tasks: Display all added tasks in a clean and organized list.</li><li>Delete Tasks: Remove tasks that are no longer needed.</li><li>Responsive Design: Works seamlessly on both desktop and mobile devices.</li><li>RESTful API: Backend API for handling task creation, retrieval, and deletion.</li></ul>	

## 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