

Lehlohonolo Tshabalala

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Education

WeThinkCode_	Sep 2024 – Dec 2025
Diploma in Software Engineering	
Aha-Thuto Secondary School	Jan 2011 – Dec 2015
Grade 12 / Matric Majored in Maths & Science	

Experience

Technical Mentor	Mar 2025 – Present
WeThinkCoode_	
<ul style="list-style-type: none">Mentor software engineering students through code reviews, pair programming, and debugging across Python/Django, Java/Spring Boot, React/JavaScript, and SQL.Explain complex concepts (algorithms, data structures, OOP, testing, Git) into practical exercises and real-world projects.Provide structured feedback and growth plans that improve code quality, testing discipline, and learner autonomy across cohorts.Champion inclusive, collaborative practices (PR etiquette, peer reviews, sprint rituals) to build strong team habits.	
Data Capturer	Jan 2021 – Mar 2023
Mpumelelo Clinic	
<ul style="list-style-type: none">Captured, validated, and maintained patient-level data in HIS, DHIS, and TIER.Net.Produced and submitted ART program reports on weekly, monthly, and quarterly cycles.Performed routine data quality assessments, reconciled registers, and resolved discrepancies.Updated defaulter-tracing tools with CHW outcomes and coordinated follow-ups with facility teams.Administered data backups and safeguarded records in line with Department of Health standards.Supported HIS project rollouts and user support at facility level.	

Projects

Gym Application		React.js, Tailwind CSS, FastAPI, PostgreSQL, PyTorch, OpenAI API	2025 – 2026
<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 queriesProgress Tracking & Analytics – AI predicts progress and provides reports.Gym Membership & Subscription Management – Users can manage their membership plans.			

Portfolio Website		HTML, CSS and Java	2024 – Present
Built a responsive personal portfolio to showcase technical skills, projects, and contact information.			
<ul style="list-style-type: none">Implemented smooth in-page navigation and scroll-triggered animations to improve UXDeveloped a mobile-first, fully responsive layout across devicesAdded a contact form with client-side validation			

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