

Sthembiso Mfusi

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EDUCATION

WeThinkCode <i>Occupational Certificate in Software Engineering</i>	Johannesburg, Gauteng <i>Sep. 2024 – Present</i>
Hope High School <i>National Senior Certificate</i>	Newcastle, KwaZulu-Natal <i>Dec. 2017</i>

EXPERIENCE

Technical Mentor <i>WeThinkCode</i>	Sep. 2025 – Present <i>Johannesburg, Gauteng</i>
<ul style="list-style-type: none">Facilitated a smooth transition for new students into the rigorous programming curriculum, offering guidance and supportDeveloped and conducted interactive workshops to enhance student learning and skill development across various technical topics	
Bootcamp Mentor <i>WeThinkCode</i>	Apr. 2025 – Aug. 2025 <i>Johannesburg, Gauteng</i>
<ul style="list-style-type: none">Guided and supported students in the fundamentals and advanced concepts of Python programmingProvided constructive feedback and reviewed group projects, ensuring adherence to best practices and project requirementsManaged daily operations of the bootcamp, facilitating a productive and collaborative learning environment	
Boiler Operator <i>ArcelorMittal</i>	Apr. 2023 – Sep. 2024 <i>Newcastle, KwaZulu-Natal</i>
<ul style="list-style-type: none">Performed routine inspections and preventative maintenance on steam production machineryRevamped and updated inventory logs, improving accuracy and efficiency of record-keeping	
Packer <i>Clothing Junction</i>	May 2022 – Nov. 2022 <i>Newcastle, KwaZulu-Natal</i>
<ul style="list-style-type: none">Efficiently packed and arranged clothing items onto shelves to ensure proper stock levels and visual merchandising standardsMonitored product inventory and submitted replenishment requests to maintain optimal stock availability	

PROJECTS

Pregnancy Tracker App <i>Python, Flask, Dart</i>	Aug. 2025 – Present
<ul style="list-style-type: none">Developed core backend routing for secure user account creation and login functionalityDesigned and implemented a robust database schema to efficiently store critical user data including journals, prescription notes, and doctor reviews	
Event Website <i>HTML, CSS, JavaScript, React, Vercel, Firebase</i>	Feb. 2025 – July 2025
<ul style="list-style-type: none">Designed and developed a full-stack event booking and advertising website using HTML, CSS, JavaScript, and ReactImplemented user-friendly interfaces for event discovery, registration, and managementLeveraged Firebase for robust data storage and user authentication, and deployed the application using Vercel	

TECHNICAL SKILLS

Languages: Python, Java, HTML, JavaScript, CSS, SQL, TypeScript, Dart
Frameworks/Libraries: Flask, React, Node.js, Pandas, NumPy, FastAPI
Databases: SQLite, Firebase, Supabase, MongoDB
Developer Tools/Platforms: Git, Docker, Vercel, IntelliJ, VS Code, Linux