

Sthembiso Mfusi

084-475-6694 | stmfusijhb024@student.wethinkcode.co.za | linkedin.com/in/sthembiso-mfusi | github.com/SthembisoMfusi

EDUCATION

WeThinkCode

Occupational Certificate in Software Engineering

Johannesburg, Gauteng

Sep. 2024 – Present

Hope High School

National Senior Certificate

Newcastle, KwaZulu-Natal

Dec. 2017

EXPERIENCE

Technical Mentor

WeThinkCode

Sep. 2025 – Present

Johannesburg, Gauteng

- Facilitated a smooth transition for new students into the rigorous programming curriculum, offering guidance and support
- Developed and conducted interactive workshops to enhance student learning and skill development across various technical topics

Bootcamp Mentor

WeThinkCode

Apr. 2025 – Aug. 2025

Johannesburg, Gauteng

- Guided and supported students in the fundamentals and advanced concepts of Python programming
- Provided constructive feedback and reviewed group projects, ensuring adherence to best practices and project requirements
- Managed daily operations of the bootcamp, facilitating a productive and collaborative learning environment

Boiler Operator

ArcelorMittal

Apr. 2023 – Sep. 2024

Newcastle, KwaZulu-Natal

- Performed routine inspections and preventative maintenance on steam production machinery
- Revamped and updated inventory logs, improving accuracy and efficiency of record-keeping

Packer

Clothing Junction

May 2022 – Nov. 2022

Newcastle, KwaZulu-Natal

- Efficiently packed and arranged clothing items onto shelves to ensure proper stock levels and visual merchandising standards
- Monitored product inventory and submitted replenishment requests to maintain optimal stock availability

PROJECTS

Pregnancy Tracker App | *Python, Flask, Dart*

Aug. 2025 – Present

- Developed core backend routing for secure user account creation and login functionality
- Designed and implemented a robust database schema to efficiently store critical user data including journals, prescription notes, and doctor reviews

Event Website | *HTML, CSS, JavaScript, React, Vercel, Firebase*

Feb. 2025 – July 2025

- Designed and developed a full-stack event booking and advertising website using HTML, CSS, JavaScript, and React
- Implemented user-friendly interfaces for event discovery, registration, and management
- Leveraged 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