

Musiki Sithomola

Junior Full Stack Developer

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PROFESSIONAL SUMMARY

Computer Science diploma graduate (TUT, 2025) with 9 months of hands-on full stack and mobile development experience gained through mLab Southern Africa's CodeTribe Academy, a nationally recognised, work-based programme selected via four-week bootcamp and panel interview. Proficient in JavaScript, TypeScript, React, React Native, Node.js, and SQL/NoSQL databases. Comfortable owning features end-to-end, from Figma wireframe through to live Vercel deployment. Built and shipped multiple production applications including an AI-powered chatbot, an e-commerce platform, and a healthcare appointment management system.

WORK EXPERIENCE

mLab Southern Africa – CodeTribe Academy	07/2025 – 03/2026
<i>Junior Developer Trainee Work-Integrated Learning (WIL) Placement</i>	Polokwane, South Africa
<ul style="list-style-type: none">Delivered full stack web and mobile features end-to-end using React, React Native, TypeScript, Node.js, and Express.js, shipping production-ready applications with user authentication, CRUD operations, real-time search, and dynamic themingIntegrated REST APIs and configured Supabase, PostgreSQL, and MongoDB database environments for live applications serving real usersDeployed multiple responsive applications to Vercel with cross-device compatibility; all projects publicly accessible and actively maintained at time of writingManaged feature branches, pull requests, and code reviews in a structured Git/GitHub workflow, maintaining code quality under real project deadlinesTranslated Figma wireframes and prototypes into pixel-accurate, responsive React components using Tailwind CSS, reducing design-to-code cycle time by working directly from design files without additional specificationSelected for the programme through a competitive four-week bootcamp and panel interview process; first six months fulfilled TUT's formal Work-Integrated Learning (WIL) module	

EDUCATION

Tshwane University of Technology (TUT)	2022 – 2025
<i>Diploma in Computer Science</i>	
<ul style="list-style-type: none">Awarded December 2025 Graduation Ceremony: 28 May 2026Includes formal Work-Integrated Learning (WIL) module completed at mLab CodeTribe AcademyBest Second-Year Award – recognised for academic excellence among peers	

TECHNICAL SKILLS

Languages

JavaScript (ES6+), TypeScript,
Java

Frontend

React, React Native, HTML5,
CSS3, Tailwind CSS,
Responsive Design, Shadcn UI

Backend

Node.js, Express.js, REST API
Design and Integration

Databases

PostgreSQL, MongoDB,
Supabase, SQL, NoSQL

Tools & Workflow

Git, GitHub, VS Code, Vercel,
Figma, Wireframing,
Prototyping

Methodologies

Agile, Feature Branch
Workflow, Code Review, End-
to-End Ownership

PROJECTS

Thusa AI Chatbot (TUT Chatbot)


React · TypeScript · AI Integration · Vercel

thusa-tut-ai-chatbot.vercel.app 

- Engineered an AI-powered digital assistant to automate student support query resolution with context-aware responses, reducing repetitive administrative workload
- Built a real-time messaging interface optimised for fast rendering and accessibility, using React and TypeScript with clean component architecture

E-Commerce Platform


React · Node.js · MongoDB · Vercel

e-commerce-omega-beige.vercel.app 

- Built a full stack e-commerce platform with secure user authentication, dynamic product management, and a responsive storefront UI
- Developed a scalable Node.js and MongoDB backend with RESTful API endpoints supporting product CRUD, cart management, and user sessions

ClinicSync – Medical Appointment System

React · TypeScript · Shadcn UI · Tailwind CSS · Vercel

clinic-sync-u4yx-7uipyal80-musikis-projects-3af67fec.vercel.app 

- Designed a minimalist medical appointment management system with a comprehensive administrative dashboard for scheduling and patient records
- Implemented a modular, responsive frontend architecture using Shadcn UI components and TypeScript for type safety and maintainability

Musiki CMS – Content Management System

React · TypeScript · Tailwind CSS · Vercel

satumo-cms.vercel.app 

- Developed a secure CMS enabling businesses to manage content and administrative workflows through a clean, monochromatic interface
- Focused on high-fidelity data presentation and administrative usability, with role-based access patterns and structured content editing