Sabelo Mkhabela

Computer Science Specialist · Full-Stack & Systems

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SUMMARY

Full-stack software engineer and computer science student with deep interests in distributed systems, high-performance computing, and cloud infrastructure. Proven track record in hackathons and full-lifecycle system implementation.

EDUCATION

BSc Mathematics & Computer Science — UNISA 2019 – 2026
Final Year · NQF 7 · 360 Credits

Occupational Certificate in Software Engineering — WeThinkCode_ 2026 – 2027
Peer-to-peer, Project-based · NQF 6

National Senior Certificate (Grade 12) — Umalusi Issued Jan 2025
Bachelor's degree admission · Maths 62% · Physical Sciences 68% · Life Sciences 68% · English FAL 72%

ACHIEVEMENTS & HACKATHONS

2nd Place — UNISA: Code the Climate HackaThon 2025
Team: Sthandiwe Mbokazi · Partners: SCADCO, UNISA, Microsoft, AI Innovation

Certificate of Excellence — GitHub Readme Generation Hackathon Sep 2026
Exceptional Performance Distinction · Project: UbuntuAid · PresentMe Academy

Certificate of Participation — Hackonomics 2026 Sep 2025 – Mar 2026

Certificate of Participation — IBM Dev Day: AI Demystified Jan – Feb 2026
Issued by IBM · Virtual Event + Hackathon

CERTIFICATIONS

DataCamp — Python, Java, Git & Data Track 2026
16 Statements of Accomplishment: Git (Intro/Intermediate/Advanced), Python for Developers (Intro/Intermediate), Data Importing & Cleaning (×3), APIs in Python, Cloud Computing, Data Engineering (×2), Java (×4).

Coursera — IBM & Microsoft Authorized 2026
Linux Commands & Shell Scripting (IBM) · Python Programming Fundamentals (Microsoft) · Developing Backend Apps with Node.js and Express (IBM)

Simplilearn SkillUp Mar – Apr 2026
Getting Started with Docker · Getting Started with NodeJS · Git Training

SELECTED PROJECTS

Jenga5 · Physics Tower — Physics-based browser game (jenga5.netlify.app)	Browser Game
Stop the Ball — Fast-reaction arcade game (stoptheball.netlify.app)	Browser Game
UbuntuAid — Emergency response app · Certificate of Excellence	Award-Winning
PickOne Medical — Medical decision-support web app (pick1medical.netlify.app)	Health Web App
Steel Vanguard: Iron Crucible — Action game (steel-vanguard.netlify.app)	Action Game
Portfolio — Full project portfolio (portfolio-sabelo.netlify.app)	Personal Site

TECHNICAL PROFICIENCIES

Languages: C++, Python, Java, JavaScript/TypeScript, SQL, HTML/CSS
Data: Importing & Cleaning, APIs, Data Engineering, ETL, Cloud Computing
Tools & Platforms: Docker, AWS, React, Node.js/Express, Git, Linux, Tailwind CSS

GitHub: github.com/LAPLACEMKHABELA · LinkedIn: linkedin.com/in/michael-mkhabela-309380391 · Portfolio: portfolio-sabelo.netlify.app