

Jabulile Msibi

Software Developer

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Summary

A Software developer with a strong interest in cybersecurity and user-centered design. Proficient in Python, Java, JavaScript, and HTML, with a growing ability to build secure, functional, and visually engaging applications. Passionate about combining technical problem-solving with creative design, particularly in UI/UX and graphic design, with the goal of developing modern, secure digital solutions.

Skill

Technical Skills:

- Programming: Python, Java, JavaScript, HTML
- Cybersecurity: Basic system security, data protection, and secure coding principles
- UI/UX Design: User-centered design, wireframing, and prototyping
- Graphic Design: Visual communication, branding, and digital design fundamentals

Soft Skills:

- Problem-solving and analytical thinking
- Creativity and attention to detail
- Strong willingness to learn and adapt
- Time management and organization
- Communication and teamwork

Languages

English
Isizulu

Volunteering

Wethinkcode_ / Recruitment Facilitator

October 2025 - April 2026

- Led workshops introducing coding fundamentals (e.g., basic programming concepts, problem-solving approaches) to aspiring developers.
- Mentored and guided participants on transitioning into software development careers, including learning paths, tools, and industry expectations.
- Demonstrated strong communication skills by breaking down technical concepts for non-technical audiences.
- Fostered a collaborative learning environment, encouraging problem-solving and critical thinking.
- Developed an understanding of developer workflows, tools, and technologies through facilitating hands-on sessions.

Education

Wethinkcode_ / Software Engineering

February 2025 - May 2026, JOHANNESBURG

Diploma in Software Engineering (NQF Level 6)

Completed a comprehensive diploma focused on software development principles and practices. Gained hands-on experience in programming, application development, and problem-solving using modern technologies. Developed skills in designing, building, testing, and maintaining software systems, with an understanding of the software development lifecycle (SDLC). Strengthened knowledge of algorithms, data structures, and debugging techniques, while collaborating on projects and applying best practices in coding and version control.

Boston City College / Business Administration

February 2022 - July 2023, East Rand

Completed a nationally recognised qualification focused on core business and administrative competencies. Gained skills in office administration, communication, customer service, record management, and business operations. Developed the ability to manage tasks efficiently, work within professional environments, and support organisational processes. Strengthened problem-solving, teamwork, and time management skills applicable across various industries, including the technology sector.

Projects

Finance Tracker – Developed a full-stack finance and investment tracker with live business news integration using **React, JavaScript, and APIs**. Enabled users to monitor spending and investment activity in real time.

Banking App – Built a full-stack banking simulation featuring user authentication and transaction management using **Node.js, SQL, React, and Express**. Focused on secure and accurate handling of financial operations.

Antivirus Simulator – Created a security-focused application simulating malware scanning with an interactive and modern UI using **React, Node.js, and Tailwind CSS**. Enhanced understanding of cybersecurity logic in practical applications.

Women Empowerment Platform – Developed a platform enabling women to connect, apply for jobs, and access safety resources using **Java, SQL, and JavaScript**. Focused on accessibility and community impact.

Resource Booking System – Designed an admin dashboard for managing bookings and resources using **Java, SQL, and JavaScript**. Streamlined resource allocation and scheduling processes.

AI Poem Generator – Built a creative AI-powered poetry generator with an elegant interface using **JavaScript, AI APIs, and CSS**. Combined technical and creative skills to produce user-friendly generative content.