

Sibongakonke Simamane

JUNIOR SYSTEMS DEVELOPER • SYSTEMS DEVELOPMENT GRADUATE

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sbk-dev.pages.dev • [LinkedIn](#) • [GitHub](#)

BOSTON DIPLOMA

76% Distinction Pass

HDIPSD2 • Confirmed 2026

// PROFESSIONAL PROFILE

Driven and technically versatile **Systems Development graduate** currently employed as a Junior Systems Developer at **Future ProTechY (PTY) LTD**. Holds a confirmed Diploma (HDIPSD2) from Boston City Campus with a **76% Pass with Distinction** average, alongside **CompTIA A+** and **CompTIA Security+** foundations. Experienced across full-stack engineering — **Java, PHP, JavaScript, React, Node.js, Docker, Kubernetes, AWS, and MySQL** — with practical rigor in cybersecurity, database design, software testing, and business analysis. Seeking to deliver secure, scalable solutions in a high-growth engineering environment.

// TECHNICAL COMPETENCIES

Core Languages & Architecture

Java PHP JavaScript (ES6+) C HTML5
CSS3 / Tailwind

Frontend & Frameworks

React.js Vue.js Astro Responsive UI
SPA Design

Backend, Cloud & DevOps

Node.js Express Docker Kubernetes
AWS (EC2 & ALB) Nginx

Databases & Data Modeling

MySQL MS SQL Server Relational Schema
Query Optimization

Cybersecurity & Networking

CompTIA A+ (2024) CompTIA Security+
Ethical Hacking LAN & Cabling

Methodologies & Emerging Tech

Agile / Scrum Software Testing BPM & Analysis
Prompt Engineering / AI

// WORK EXPERIENCE

Junior Systems Developer • Future ProTechY (PTY) LTD

May 2026 – Present

Durban, KwaZulu-Natal • Full-time

- Engaged in core systems development, software coding, and backend architecture tasks within a professional technology environment.
- Applying academic and industry knowledge of Java, PHP, JavaScript, and MySQL in commercial production systems.
- Contributing to end-to-end SDLC workflows, feature implementation, code reviews, and database integrations as part of an agile development team.
- Developing practical experience in cloud containerization, system security best practices, and automated testing routines.

Education Assistant • KZN Department of Basic Education

June 2025 – Nov 2025

Ndwedwe, KwaZulu-Natal • Government Programme

- Managed data capturing, electronic records management, and statutory documentation with zero discrepancy rate.
- Maintained strict adherence to data protection standards and confidentiality compliance protocols.
- Coordinated daily communication workflows between educational staff, administrative leadership, and external stakeholders.

// FEATURED PROJECTS & PRODUCTION WORK

Full Business Platform & Web Application • Asante Financial Services2026

Live Production System • asantefs.co.za • Tech Stack: PHP, MySQL, JavaScript, HTML5, CSS3

- Architected and delivered the full online customer portal and business website for Asante Financial Services, a regulated personal finance provider.
- Engineered a dynamic, database-driven loan application engine featuring multi-step form validation, document submission, and automated backend record processing.
- Implemented secure data handling, input sanitization, and security-conscious storage routines complying with South African financial sector standards.
- Designed a clean, modern, and mobile-responsive front-end aligning directly with corporate identity and user accessibility guidelines.
- Managed the entire project lifecycle independently from requirements discovery and database schema modeling to production cloud deployment.

Developer Portfolio & High-Performance Web System • SBK.dev2026

Open Source Architecture • sbk-dev.pages.dev • Tech Stack: Astro, React, WebGPU, Three.js, CSS Modules

- Engineered a high-performance developer portfolio and technical blog utilizing Astro static site generation, React island hydration, and WebGPU/Three.js custom canvas shaders.
- Integrated an interactive tech stack matrix with domain filtering, verified badge credentials, and dynamic uptime tracking.
- Achieved 100/100 Lighthouse performance metrics, sub-second TTFB, and responsive glassmorphic aesthetic across desktop and mobile devices.

// EDUCATION & ACADEMIC CREDENTIALS

Diploma in Systems Development (HDIPSD2) — Boston City Campus2023 - 2026

Graduated with Distinction • 76% Overall Average • Diploma Confirmed by Office of the Registrar (April 2026)

Systems Analysis & Design: 90%	Praxis / Applied Systems: 92%	Security+ Fundamentals: 88%
Software Testing: 86%	Java & Database Systems: 86%	Computer Literacy: Distinction

National Senior Certificate (Matric) — Nombika High SchoolCompleted 2019

Endorsed Senior Certificate • Mathematical & Scientific foundations.

// LEADERSHIP & COMMUNITY IMPACT

EA Group Leader — BEEI Phase V • Zubane Primary SchoolJune 2025 - Nov 2025

- Supervised and coordinated a team of Education Assistants across daily attendance, milestone deliverables, and statutory reporting.
- Served as primary liaison between school leadership, regional programme managers, and district officials.
- Conducted onboarding and mentoring for new assistants, facilitating operational efficiency.

// LANGUAGES

- **isiZulu:** Home Language (Native / Fluent)
- **English:** Professional Working Proficiency (Fluent)

// FOCUS & INTERESTS

- Full-Stack & Cloud Architecture (AWS / Docker)
- Cybersecurity Research & Penetration Testing
- AI Workflow Engineering & Developer Tooling