

GONTSE SEBOLAI

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Languages: English (Fluent), isiZulu (Fluent)

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PROFESSIONAL PROFILE

Computer and Information Sciences graduate (Web and Application Development, 2025) with experience delivering structured web and mobile applications across freelance and academic environments. Strong foundation in C#, ASP.NET Core MVC, React, Next.js, TypeScript, SQL, and Microsoft Azure. Experienced in translating stakeholder requirements into maintainable, user-focused digital systems delivered within deadline-driven settings.

TECHNICAL CAPABILITIES

Languages:

C#, TypeScript, JavaScript, Kotlin, Java, SQL, HTML, CSS

Frameworks & Architecture:

ASP.NET Core MVC, React, Next.js (App Router), Jetpack Compose, Tailwind CSS, Bootstrap

Databases:

SQL, PostgreSQL, SQL Server, SQLite, Entity Framework Core, Room, relational schema design

Cloud & Tools:

Microsoft Azure (Blob Storage, Tables, Queues, Event Hubs), Supabase, Git, GitHub, Vite

Development Practices:

SDLC understanding, Agile exposure, API integration, component-driven architecture

Testing & Quality:

Playwright, Jest, Testing Library, Vitest, accessibility testing (jest-axe), ESLint

PROJECT EXPERIENCE

Align SA – Web Platform

(Freelance)

- Architected a high-performance marketing platform using Vite, React, and TypeScript.
- Implemented complex animations with Framer Motion and GSAP, utilising Radix UI for accessible, headless component primitives.
- Structured 5+ core pages with responsive layouts and accessible content hierarchy.
- Integrated testing workflows (Jest, Playwright) to support release stability.

NGI Foundation – Programme & Application Platform

(Freelance)

- Engineered a robust platform using Next.js (App Router) and React.
- Integrated Supabase for structured data management, role-based access control, and payment workflows (Stripe).
- Ensured reliability with Sentry monitoring and Playwright end-to-end testing.
- Delivered a maintainable codebase aligned to modern deployment practices.

Phusha Ukusebenza – Static Site Migration*(Freelance)*

- Refactored legacy WordPress content into a performant Static HTML/PHP architecture.
- Implemented BEM CSS methodology for modular styling and optimised semantic HTML for maximum SEO visibility and load speed.
- Preserved design consistency across devices through iterative front-end refinement.
- Improved long-term maintainability by reducing dependency complexity.

Agri-Energy Connect Platform*(Academic)*

- Developed an enterprise-grade ASP.NET Core MVC solution.
- Implemented the Repository Pattern and Observer Pattern for modular architecture.
- Features include multi-language Localisation (i18n), role-based Identity management, and complete audit logging.
- Applied localisation and accessibility-focused UI design principles.

StudyTrack – Study Management App*(Academic Team)*

- Developed native Android logic using Kotlin and modern Jetpack Compose UI toolkits.
- Targeted modern Android SDK with clean MVVM architecture.
- Implemented modular navigation flows and screen architecture.
- Integrated Room-based local persistence (entities and DAO layers).

document-generator*(Side Project)*

- Created a modern document tool using Next.js and Tailwind CSS.
- Engineered client-side export functionality for PDF and DOCX formats using jspdf and docx libraries, featuring live markdown previews.
- Added autosave, error boundaries, and modular code structure.
- Integrated testing workflows using Jest and Playwright.

BarberSalonPrototype*(Side Project)*

- Prototyped a service-based application in ASP.NET Core.
- Structured using strict MVC patterns with reusable view components and data-driven controller logic for managing staff and booking workflows.
- Implemented responsive Bootstrap layouts with clear navigation patterns.

Budget Master – Kotlin Mobile App*(Academic Team)*

- Collaborated in a team to develop a personal finance tracking mobile application.
- Contributed to feature implementation within shared sprint-style timelines.

Work Integrated Learning (WIL)

- Led UX planning and contributed to development across web and mobile projects.
- Built MVC-based applications using C# with SQL-backed data handling.
- Integrated Microsoft Azure services in structured development scenarios.
- Operated within collaborative environments simulating production workflows.

LEADERSHIP & EXTRACURRICULAR INVOLVEMENT**Sports Committee Member**

Varsity College/Emeris Sandton

2025

- Contributed to the organisation and coordination of campus sporting activities and events.
- Supported communication between students and institutional leadership.

eSports Team Captain & Administrator

Varsity College/Emeris Sandton

2025

- Led and coordinated university eSports teams across multiple competitive fixtures.
- Managed team logistics, scheduling, and communication.
- Represented the institution at USSA (University Sports South Africa) and Varsity eSports Cup tournaments.

EDUCATION

Bachelor of Computer and Information Sciences (Web and Application Development)

Varsity College

2025

Higher Certificate in Mobile App and Web Development

Varsity College

2023

Matric

Curro Helderwyk

2021

INTERESTS & CONTINUED DEVELOPMENT

Actively developing knowledge in scalable web architecture, secure system design, and cloud infrastructure patterns. Strong interest in building reliable, enterprise-ready digital solutions that balance technical depth with user experience.