

Bahle Simphiwe Sithole

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## PROFESSIONAL SUMMARY

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I am a third-year Information Technology student at Belgium Campus iTversity with 20 academic distinctions to date and proven direct experience in software development, cloud technologies, and cybersecurity. Skilled at designing scalable, secure, and user-focused solutions that solve real-world business problems. Certified in Introduction in Cybersecurity, Web development, and Project Management. Experienced in collaborating with teams to deliver enterprise solutions and data-driven insights. Seeking to contribute technical and problem-solving expertise to a Technology Solutions team.

## SKILLS

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- Languages and Frameworks: C#, Python, JavaScript, React, HTML, CSS
- Cloud and Tools: Microsoft Azure, Git/GitHub, PowerBI
- Database Development: SQL Server, MySQL, NoSQL
- Core Competencies: OOP, API integration, responsive web design, data structures, file handling, threading, enums.
- Soft Skills: Problem-solving, critical thinking, leadership, communication, collaboration.

## PROJECTS & EXPERIENCE

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### **Belgium Campus iTversity (2023 – Ongoing)**

Smart Budget Tracker - C#, SQL, Web Application

I built a smart budget tracker to empower users to take control of their finances without constant manual effort.

- Developed a full-stack budgeting tool that works in mobile apps and web-based platforms, allowing users to track transactions, live balance filtering, and updates.

- Designed data visualization dashboards to provide spending insights, improving financial awareness.

#### Azure Cloud-Based File Storage System – Cloud Engineering

- Developed a secure storage solution on Microsoft Azure, leveraging managed services to eliminate hardware management.
- Enabled scalable file handling with a focus on data security and advanced availability.

#### Community Portal Web Application – Node.js, EJS, HTML, CSS, JavaScript

- Designed and developed a dynamic community portal using Node.js and Express.
- Built routing and middleware to handle user requests efficiently.
- Demonstrated full-stack fundamentals including backend logic and templating.

#### Snake & Ladder Web Game

I designed and developed an interactive Snake & Ladder web game using HTML, CSS, and JavaScript.

- Implemented game logic for dice rolling, player movement, snakes, ladders, and win conditions using JavaScript functions and event handling.
- Built a responsive and user-friendly interface with CSS, ensuring smooth gameplay and visual clarity.
- Focused on clean code structure, modular functions, and maintainability.

#### Snake Game

- Developed an interactive web-based Snake Game using HTML, CSS, and JavaScript, showcasing front-end development skills.
- Utilized CSS for responsive design and styling, ensuring smooth gameplay across desktop screens.
- Hosted the project on GitHub for public access and portfolio integration.

#### FNB App Academy – Full-Stack Development (2025)

- Completed in a 9-week intensive program, with direct experience in JavaScript, APIs and React for dynamic front-end development.
- Designed and tested backend APIs, implementing AI tools that enhance app functionality and improved user experience.

### **Deloitte Cyber Job Simulation – Cybersecurity (2025)**

- Functioned as a Cybersecurity Analyst in a realistic Deloitte environment, investigating simulated data breaches and insider threats through firsthand tasks.
- Analysed network logs and security alerts to identify vulnerabilities and prioritize risks, resulting in successful resolution of a mock incident.

### **WeThinkCode Bootcamp – Python Developer Participant (2022)**

- Gained a solid foundation in Python programming and applied it to real-world projects such as automation scripts and data processing.
- Worked in agile teams, using Git and GitHub for version control, code reviews, and collaborative development.

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## **EDUCATION & CERTIFICATIONS**

### **Belgium Campus iTversity - Bachelor of Information Technology (2023 – Pending Graduate)**

- Achieved 20 distinctions to date.

### **Basa Protea Glen Combined School - Matric with Distinction (2021)**

#### **Certifications**

- Deloitte Cyber Job Simulation – Cybersecurity (2025)
- Cisco Network Academy – Introduction to Cybersecurity (Verified)
- freeCodeCamp – Responsive Web Design (300 hours, 2025)
- Hack the Waste Hackaton – HackTribe (2025)
- Project Management Associate Internship – Saint Louis University & Excelerate (2025)
- FNB App Academy - Full Stack Development (2025)
- Clean Tech Academy - Fondazione Miticoro & Politecnico di Torino, EIT Deep Tech Talent Initiative (Funded by the European Union) (2025)

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## **REFERENCES / PORTFOLIO**

Available upon request.