

NKOSIMPHILE KHUMALO

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CAREER OBJECTIVE

Second-year BSc IT student focused on system development and front-end programming. Skilled in Python, C++, SQL and database design. Eager to contribute to real-world system solutions, learn industry practices, and grow as a junior developer or intern.

EDUCATION

Bachelor of Science in Information Technology
Richfield College — 2024 – Present

TECHNICAL KNOWLEDGE

- First Year: HTML, CSS, JavaScript, Python, Networks, Microsoft 365, Information Systems
 - Second Year: PHP, C++, SQL, Cloud Computing, Internet Programming
 - Certification: Career Essentials in Generative AI – Microsoft & LinkedIn (2025)
Microsoft Copilot, Generative AI, Responsible AI (6 hours)
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PROJECTS

School Registration System (*Python, Tkinter, SQLite*)

- GUI-based app for student registration and database storage
- Implemented dynamic forms and user input validation

Disaster Relief Resource Management (C++)

Built a console app for managing resources with add, update, delete, and search features. Data is saved to and loaded from a text file with input validation to prevent errors.

Jobs for Software Engineers (*React, Tailwind CSS, JSON*)

- Developed a job portal with add/delete functionality
 - Focused on interactive UI and frontend optimization
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TECHNICAL SKILLS

Languages: HTML | CSS | JavaScript | Python | C++ | PHP | SQL

Frameworks & Libraries: React.js | Tailwind | Tkinter | NumPy | Requests

Tools: Git | SQLite | VS Code | Microsoft Word | Excel | PowerPoint

Soft Skills: Problem Solving | Teamwork | Communication | Debugging | Patience