Xhoba Bukho Mngeni

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Professional summary

Dedicated IT professional with a Higher Certificate in Support Services and practical experience in full-stack software development. Proficient in Python, SQL, and REST API development, with a portfolio of live, cloud-deployed applications. Passionate about merging IT support workflows with modern automation and backend reliability. Currently enrolling in a Bachelor of IT in Business Systems to further deepen technical expertise.

Education

Bachelor of Information Technology in Business Systems

Rosebank College

February 2026 – (expected completion: November 2028)

Higher Certificate in Information Technology in Support Services

Rosebank College

February 2025 – November 2025 (Completed)

Certifications

Full Stack Development Certificate - FNB App Academy | IT Varsity

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate – Oracle University

Responsive Web Design - FreeCodeCamp

Introduction to SQL – Simplilearn

Projects

- **Portfolio Website -** Built a personal portfolio website from scratch using HTML, CSS, and JavaScript. Designed a responsive, user-friendly interface to showcase projects and skills. Implemented interactive elements and optimized layout for mobile and desktop devices. https://xhoba-mngeni.github.io/Xhoba-s-Portfolio-website/
- **A Secure, AI-Powered Emergency Medical Summary System -** Built a Python FastAPI backend for managing and exposing emergency data via RESTful APIs. Used environment variables for configuration, implemented middleware for security and performance, and integrated cryptographic libraries to ensure secure data handling. https://bloem-emergency-cloud-1.onrender.com/
- **Smart Help Desk** – Developed a Smart Help Desk backend system to support IT service desk operations, enabling structured handling of user issues through RESTful APIs. Focused on system reliability, backend logic, and support-oriented workflows. https://smart-helpdesk-production.up.railway.app/login

Technical skills

- **IT Support and Networking:** Help Desk operations, client systems configuration, computer hardware architecture, network architecture fundamentals, and cybersecurity principles
- **Backend**: Python, FastAPI, SQL (PostgreSQL/SQLite), REST APIs
- **Frontend:** HTML5, CSS3, JavaScript, Responsive Design
- **Tools and Cloud:** Git/GitHub, Oracle Cloud Basics

Key competencies

- Critical Thinking and Problem Solving
- Reliability and Commitment
- Adaptability and Willingness to Learn
- Time Management and Task Prioritization
- Effective Verbal and Written Communication
- Attention to Detail and Accuracy
- Team Collaboration and Cooperation
- Positive and Professional Attitude