KUNDA MUNSHIFWA

junior software developer | IT support & systems intern

CONTACT

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EDUCATION

The copperbelt university
2021-2025

BSc Computer Science

TECHNICAL SKILLS

- Programming: Python, JavaScript, Java, C++, C#
- Web Development: HTML, CSS, React.js, Flask, Node.js, Express.js
- Databases: MySQL, SQLite
- Tools & Platforms: Git, GitHub, VS Code
- Networking & Hardware: Basic networking, hardware troubleshooting, system support

PROFESSIONAL SKILLS

- Problem Solving
- Teamwork
- Communication
- Time Management

PROFESSIONAL SUMMARY

Junior software developer with hands-on experience in web application development, real-time systems, and IT support within a healthcare environment. Experienced in building and maintaining software systems, troubleshooting hardware and network issues, and working with modern technologies such as React, Python, Flask, and databases. Currently working as an IT Support & Systems Intern at Kitwe Teaching Hospital while completing a BSc in Computer Science.

WORK EXPERIENCE

IT SUPPORT AND SYSTEMS INTERN

kitwe teaching hospital

2025 - present

- Diagnose and repair laptops, desktops, and peripheral devices across multiple departments
- Troubleshoot network connectivity issues and assist in restoring services during outages
- Provide technical support for system, software, and basic network-related problems
- Maintain and update inventory records for IT equipment and assets
- Support daily IT operations in a high-demand healthcare environment

WEB APPLICATION DEVELOPER (STUDENT ATTACHMENT)

Copperbelt University – Directorate of ICT

2024

- Worked on the development and support of a PHP-based web application for internal university use
- Developed and maintained backend functionality using PHP
- Built and styled front-end interfaces using HTML, CSS, and JavaScript
- Assisted with database integration and server-side logic
- Collaborated with ICT staff to gather requirements, test features, and debug system issues

REFERENCES

Prof Ephraim Munshifwa
Permanent Secretary - Ministry of
Energy
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PROJECTS

MINE WORKERS' SAFETY MONITORING SYSTEM

- Designed and developed a React.js dashboard with real-time WebSocket updates
- Integrated sensor data to monitor worker vitals and hazardous gas levels

DROWSINESS DETECTION SYSTEM

- Developed a Flask web application using OpenCV for real-time driver fatigue detection
- Implemented webcam-based facial analysis and alert mechanisms

HOSPITAL MANAGEMENT SYSTEM

- Built a database-driven system using HTML, CSS, JavaScript, Node.js, Express.js, and MySQL
- Implemented secure patient record management