Mvuselelo Ntando Ndhlovu

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Summary

Electronic Engineering student, skilled in circuit design, embedded systems, IoT applications, and programming. Committed to continuous improvement, user-focused solutions, and delivering high-quality outcomes in tasks.

Work Experience

Bulawayo City Council | Bulawayo Zimbabwe

Electronic Engineering Intern

Aug.2023 - Aug.2024

I worked on city infrastructure systems that operated on microcontrollers, supporting maintenance, troubleshooting, and repairs. I collaborated with senior engineers to apply electronic engineering principles in real world applications and assisted in the testing and implementation of embedded solutions for traffic and utility management. This experience gave me exposure to diagnostics, technical documentation, and improving system reliability, while strengthening my understanding of operational microcontroller based systems.

Regal Digital Solutions

Software Engineer

Mar.2023 - Aug.2023

I developed websites using the PHP framework Laravel and collaborated with a team on a native PHP web application, contributing to backend development, database design, and system optimization to improve application performance. I focused on delivering scalable and maintainable code, ensuring high-quality results while meeting project deadlines.

Education

National University Of Science and Technology | Bulawayo Zimbabwe

Electronics Engineering

May.2020 - Present

Currently completing a Bachelor's degree in Electronic Engineering with a focus on digital electronics, programming, and electrical systems design. Developed strong technical skills through coursework, projects, and practical labs, with an emphasis on innovation, problem-solving, and digital system applications.

Skills

- Software Development (Python, C/C++, Java, etc.).
- Embedded Systems Programming (Microcontrollers & IoT Applications).
- Analog and Digital Circuit Design.