

Mvuselelo Ntando Ndhlovu

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Summary

Electronic Engineering student focused on embedded systems, IoT applications, and full-stack software development. Skilled in JavaScript, PHP, and web technologies used in both frontend and backend environments.

Work Experience

Regal Digital Solutions

Software Engineer

Mar.2023 - Aug.2023

Developed web applications using the Laravel framework and contributed to a team project built with native PHP. Assisted in migrating an operational PHP application to Laravel, including restructuring backend logic and redesigning database components. Worked within structured development processes and supported backend tasks in a collaborative team environment.

Bulawayo City Council | Bulawayo Zimbabwe

Electronic Engineering Intern

Aug.2023 - Aug.2024

Worked under supervision on microcontroller-based city infrastructure systems, supporting maintenance, troubleshooting, technical documentation, and general technical tasks. Carried out work according to established operational procedures within the department.

Education

National University Of Science and Technology | Bulawayo Zimbabwe

Bachelor of Electronic Engineering (In Progress)

May.2020 - Present

Focus areas include digital electronics, programming, embedded systems, and electrical system design.

Harvard University (edX) | Online

Certificate

Jan.2023 - Jun.2023

CS50: Introduction to Computer Science. Covered algorithms, data structures, C, Python, SQL, web development (Flask), and software design principles. Completed problem sets and a final project. Certificate awarded in 2023.

Skills

- Programming & web development.
- Tools & workflows: Git, technical documentation, structured development processes.
- Embedded systems exposure (microcontrollers, IoT applications).
- Teamwork and collaboration within operational and project frameworks.