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PERSONAL DETAILS

Email: gudomacdonald16@gmail.com

GitHub Link: <https://github.com/Mcdtronix>

Website Link: <https://developer-spotlight-portfolio.vercel.app/>

Gender: Male

Date of Birth: 16 August 1996

ID Number: 07 - 212520 V 27

Languages: English and Shona

About Me

Motivated Computer Science student completing final exams in November, with hands-on experience in software development, database management, and IT systems. Skilled in building IoT tracking solutions, HR management software, and biometric clocking systems. Proficient in multiple programming languages and system deployment, with strong problem-solving, adaptability, and teamwork skills. Eager to apply technical expertise and innovative thinking to deliver impactful technology solutions.

EDUCATION

- ✓ Bachelor of Science in Computer Science (final Year 2025)
- ✓ Great Zimbabwe University

Experience:

- ✓ Great People Systems (Software developer)
- ✓ March 2025 - Present

TECHNICAL SKILLS

- ✓ **Languages:** Python, Java, JavaScript, HTML, CSS, SQL
- ✓ **Frameworks & Libraries:** Django, React, Numpy, Pandas
- ✓ **Database:** MySQL, PostgreSQL
- ✓ **Tools:** Git, GitHub, VS Code, Eclipse
- ✓ **Concepts:** Object-Oriented Programming (OOP), RESTful APIs, Agile Development

PROJECTS

Bus Tracking System

- ✓ Developed a real-time bus tracking system using ESP32, Neo6M GPS, and Django framework
- ✓ Integrated GPS coordinates with Google Maps API to display bus locations
- ✓ Designed and implemented a database to store and process location data

<https://github.com/Mcdtronix/Zupco>

Vehicle Insurance Management System

- Designed and developed an insurance management system using Django and React
- Implemented RESTful API using Django Rest Framework (DRF)
- Utilized JSON Web Tokens (JWT) for secure authentication and authorization
- Integrated Two-Factor Authentication (2FA) for enhanced login security
- Developed role-based dashboards for Customers and Underwriters

<https://zim-nat-management-system.vercel.app/>