MACDONALD GUDO

SOFTWARE DEVELOPER

CONTACT

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📍 Skyview Chivhu, Zimbabwe

🌐 https://developer-spotlight-portfolio-gte9.vercel.app/

🐙 https://github.com/Mcdtronix

EDUCATION

2022 - 2025
GREAT ZIMBABWE UNIVERSITY

- Bachelor of Honors Degree in Computer science

SKILLS

- Python, Java, Javascript, HML, CSS
- Django, Django REST Framework (DRF), FastAPI
- RESTful APIs, JWT Authentication, OAuth2 API Versioning
- MySQL, Postgres · Git, GitHub
- Pytest, Unittest, Postman, Django Test Framework

PROFILE

Final-year Computer Science student and Software Developer Intern at Great People Systems since February 2025. Skilled in building and improving software with a focus on clean, efficient, and scalable code. Passionate about solving real-world problems through technology and continuously learning modern development tools and practices.

WORK EXPERIENCE

GREAT PEOPLE SYSTEMS   *2025 - PRESENT*

Software Developer Intern

- Deployed RESTful APIs using Django and FastAPI, ensuring scalable, high-performance backend architecture.
- Implemented JWT-based authentication and authorization to secure user access and data integrity across multiple systems.
- Contributed to the design and development of the Zimnat Management System, streamlining business workflows and improving operational efficiency.
- Led backend development for the MSU Bus Tracking System, enabling real-time tracking, notifications, and analytics through IoT integration.
- Utilized PostgreSQL and MySQL for relational data modeling, query optimization, and performance tuning.
- Applied Django REST Framework (DRF) and Pydantic for structured data validation, serialization, and seamless API communication. Integrated third-party APIs and implemented asynchronous tasks to enhance application responsiveness and reliability.
- Adopted Git and GitHub for version control, continuous integration, and collaborative team development.
- Implemented automated error handling, logging, and unit testing to ensure code quality and maintainability.

REFERENCE

EMBASSY PHIRI

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