Twizerimana Olivier

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Objective

Motivated Software Engineer, IT Specialist with a strong foundation in computer programming, problem-solving, and innovative solutions. Passionate about leveraging technology to tackle climate change and improve efficiency in digital systems.

Skills

- **Programming Languages:** Python, JavaScript, PHP, Bash, Batch and Perl.
- **Frameworks & Tools:** React, Tailwind CSS, Streamlit, Express, Flask and Django.
- **Operating Systems:** Ubuntu Server, Kali Linux and Windows.
- **Specialized Skills:** Data structures and algorithms, USSD code development, SQLite3 and MySQL database management.
- **Soft Skills:** Problem-solving, team collaboration, content creation, and communication.

Professional Experience

IT Specialist
Kigali View & Apartment, Rwanda
Feb/2024 – Present

- Manage and maintain IT infrastructure, ensuring system security and efficiency.
- Assisted in LCD billboard setup and content management.

Frontend Web developer
SAND Technologies, Africa
Oct/2024 – Present

- Designing frontend web pages
- UI / UX design

Projects

Eco Tracker App

- designed a mobile app to address climate change impacts in the agricultural sector.

- Implemented features for tracking, analysis, and reporting.

Expense Tracker

- Developed a React-based web application for daily expense tracking with localStorage and IndexedDB integration.
- Integrated filtering, charting, and advanced expense management features.

O – CUNGA SOFTWARE

- Desktop application that used for managing commercial stocks, sales and customer movements
- It designed and developed by using pure Python programming language.

Education

A2 in Computer electronics
College de bethel, Rwanda 2015
- 2017

Relevant Coursework:

- Computer system
- Electronics
- Advanced Web Development

- Google IT Automation with Python

Certifications

AI Career Essential, Professional foundations, ALX Ventures Founder Academy, ALX Ventures Gig-at-startup, Frontend web developer (Angular) and Data Programming

Languages

Kinyarwanda and English

Interests

- Machine Learning and AI
- Climate change solutions in technology
- Community-driven innovation
- Cyber security

References

- Munyambaraga Cyubahiro Israel   +250 784 484 690
- Ndahiro Moussa   +250 784 560 099
- Sugira Solange   +250 787 667 364