Harrison Muraya

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Summary

A versatile and innovative Software Developer with a robust network administration and IT support background. Demonstrated expertise in developing desktop and web applications, with a strong command of languages and frameworks such as C#, Java, Python, PHP, Laravel, Django and WordPress. Proven ability to troubleshoot complex network and software issues and deliver high-quality technical solutions that enhance operational efficiency and data security. Adept at collaborating with team members and stakeholders to achieve project goals and drive technological advancements.

Experience

Quest Website Developers Ltd July 2024 – Current

Role: Software developer intern

- Developed a machine learning model that detect spam and non-spam message
- Built projects using PHP, including frameworks like Laravel and Livewire.
- Created responsive website themes utilizing HTML, Tailwind CSS, Bootstrap, and Alpine.js.
- Led group work in designing models and creating database migrations in MySQL.
- learned to run Laravel and Livewire projects on local(software).
- Used Google Colab and Jupyter Notebooks for building machine learning models.

Eastream East Africa ltd Oct 2023 – July 2024

Role: ICT and Network Admin

- Networking and cabling.
- Network, printers, and CCTV troubleshooting.
- IT support.
- Creating websites using WordPress
- Software Development

Industrial Attachment (NSSF EMBU) Apr 2022 – Aug 2022

Role: ICT Assistance

- Assisted in the network troubleshooting.
- Software installation and troubleshooting software faults.
- Assisted in registering new members and amending their details.
- Assisted in the initiation of a benefit or withdrawal of funds

Education

University of Embu

Bachelor of Science in Computer Science. Aug 2019 – Sep 2023

Koelel High School

KCSE. Feb 2015 – Nov 2018

Bridges View Academy

KCPE. Jan 2006 – Nov 2014

Projects

A website with Hover-like Functionalities

Developed a project using **Tailwind, Alpine.js, Livewire, and Laravel** that includes features similar to the website [Hover](https://www.hover.com/) (https://www.hover.com/)

Technologies used: Tailwind CSS, Alpine.js, Livewire, Laravel.

Key Accomplishments: Created a modern, responsive UI with dynamic, real time components similar to the Hover platform, focusing on ease of use and scalability.

Employee Management System (EMS) Desktop App

Developed a user-friendly EMS desktop program in C# to automate HR operations such as record maintenance and attendance tracking. Key features include role-based access management.

Reduced administrative costs while improving data accuracy and security.

Blockchain Web Application

The application allowed users to perform secure transactions, maintain a decentralized ledger, and verify data integrity.

Technologies: Python, Flask, Blockchain

Key Accomplishments: Implemented smart contract functionality and ensured data immutability and security.

Game development

Developed a game using Java. The game featured interactive gameplay, graphics, and user-friendly controls.

Technologies: Java, Game Development

Key Accomplishments: Designed and implemented game mechanics, graphics rendering, and user input handling.

Technology Expertise:

.NET technologys, C#, C++, Python, HTML, CSS, JavaScripts, SQL, JAVA, WordPress, PHP, **Tailwind, Alpine.js, Livewire,**

Software Development, web Application development, networking, CCTV,

Certifications

Intermediate Machine Learning

KAGGLE | December 1, 2024 – December 3, 2024

Completed with active participation and dedication.

Introduction to Machine Learning

KAGGLE | November 5, 2024 – December 1, 2024

Completed with active participation and dedication.

Data Science Training Program

CODTECH IT Solutions | September 20 – November 5, 2024

Successfully completed with active participation and dedication.