**MUCHIRI KINYUA**

**DATA SCIENTIST | WEB DEVELOPER**

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🔹 **GitHub link** | <https://github.com/MuchiriKinyua>

🔹 **Portfolio link** | <https://muchirikinyua.github.io/Personal-Portfolio/>

🔹 **LinkedIn link** | <https://www.linkedin.com/in/muchiri-kinyua-9b702620a/>

**Technologies & Skills:**

🔹 **Machine Learning** | Python, TensorFlow, OpenCV, NLP

🔹 **Backend Development** | Laravel (PHP), Flask

🔹 **Frontend** | Laravel (PHP), HTML, Tailwind CSS

🔹 **Databases** | MySQL, Firebase

🔹 **DevOps & Cloud** | Vercel, AWS, GitHub Actions

🔹 **Version Control** | Git, GitHub

**Work Experience & Achievements:**

**National Museum of Kenya | Intern | January 2023 – April 2023**

I designed the museum library management system. It is designed to efficiently manage library operations such as book inventory, member records, borrowings, and reservations. Built with Laravel, it ensures seamless book tracking, digital resource management, and fine processing.

Link: <https://github.com/MuchiriKinyua/Library-Management-System>

**Learnsoft Beliotech Solutions | Laravel Developer | July 2024 – October 2024**

I created a Hotel Booking System for Lux Haven. The project is designed for efficient room reservations, cancellations, and management of hotel operations. The system provides a seamless experience for customers and administrators. It has been integrated with machine learning models to allow admins to predict whether or not a client will cancel a reservation.

Link: <https://github.com/MuchiriKinyua/Hotel-Management-System>

**Everything Data | Data Scientist | January 2025 – Present**

I created a hospital management system. It is a comprehensive solution designed to streamline hospital operations. This system provides functionalities for managing patients, doctors, appointments, billing, and more. The application is built using Laravel (backend) and integrates with Flask for machine learning-based disease prediction and a Chatbot to help users navigate through the system.

Link: <https://github.com/MuchiriKinyua/Hospital-Management-System>

**N/B: All these projects have Chatbots.**

**Education & Certifications:**

September 2018 - December 2022 |Bachelor of Communication and Computer Networks | Technical University of Kenya

April 2023 - November 2023 |Data analysis,Data Science with Machine Learning | Moringa School

July 2018 |Microsoft Office | Aberdare Institute of Management

**Referees:**

🔹 Luke Okelo – Education referee (Technical university of Kenya final project supervisor)

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🔹 Lorna Muriithi – Work referee (National Museum of Kenya ICT officer)

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🔹 Maina Mugo – Mentor referee (Kakuzi Ltd Financial Accountant)

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