

FRANCIS MUSYOKI MASILA

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SUMMARY

I am a highly motivated and versatile developer with hands-on experience in back-end development, UI/UX design, and database management. Proficient in multiple programming languages including Python, JavaScript, SQL, and PHP, with a strong foundation in developing and designing full-stack applications. I have demonstrated ability to deliver functional systems such as facial recognition-based attendance systems and hospital management platforms.

Experienced in working with teams to deliver client-focused solutions at LishAI Labs, where responsibilities included back-end programming, UI/UX design, and graphic design. I am passionate about leveraging technical and creative skills to build user-friendly and impactful digital solutions.

DATA STORAGE PLATFORMS

PostgreSQL

MySQL

Firebase

SKILLS

Back-end development

UI/UX Designing

Graphics Designing

LANGUAGES

Python

SQL

Javascript

PHP

PROJECTS

Face Recognition Based Attendance System

-Developed an automated attendance system that could mark employees attendance by capturing their face using a camera.

-Tools used are Python, SQL Lite and face recognition APIS.

Hospital Management System

-Developed a system for hospitals that can trace patient's record from the moment he or she is admitted at the hospital to the time of being discharged.

-Language used are Visual Basics.NET and SQL.

Data Analysis System

-A comprehensive web-based data analysis application built with Streamlit that enables users to upload Excel/CSV files, clean data, perform exploratory data analysis, create visualizations, and export results.

-Language used are Python.

EXPERIENCE

Back-end Developer, UI/UX Designer | LishAI Labs | Nakuru, Kenya | January 2025-April 2025

- Programmed and tested the back-end of different projects for different clients.
- Designed the UI of several projects using Figma.
- Designed posters for different clients and events using Canva.
- Did computer hardware maintenance.

EDUCATION

Bachelors of Science (Computer Science), Kabarak University 2021

IT Support Specialist, Cousera 2022