FRANCIS MUGO CHEGE

**Location:**

**Nairobi, KENYA**

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**SUMMARY**

Software engineer with experience in designing, building and testing distributed systems. Now looking to utilize expertise and understanding of all aspects of software engineering and development to continue my professional career.

**EXPERIENCE**

**Projects:** Developed a comprehensive web application for a hospital(Details in Projects section).

**Other Projects:** Worked on various small projects using multiple languages, detailed on GitHub.

**EDUCATION**

## ALX Africa (Online)

* **Certification:** Software Engineering Certificate
* **Dates:** May 2023 - July 2024
* **Specialization:** Backend Development (Final month)

## Kenyatta University, Nairobi

* **Degree:** Bachelor’s Degree in Mathematics and Computer Science
* **Dates:** August 2022 - 2026

## Starehe Boys Centre, Nairobi

* **Highschool:** KCSE Certificate
* **Dates:** 2018 - 2022
* **Grade:** B+

**Skills:**

**Languages:**

* Proficient In: Python, Linux Bash scripting, HTML, CSS
* Good At: JavaScript (advanced using AI), utilizing AI to speed up development
* Familiar With: C language

**Databases:** MySQL, Redis, MongoDB

**DevOps:** Nginx, Docker, load balancing techniques

**Languages I Speak:** Fluent in English and Kiswahili

**PROJECTS**

**Hospital web application**

Url: <https://franksolutions.tech>

**Technologies:** Python, Flask, SQLite, HTML, JavaScript, CSS

**Features:** User registration and authentication, appointment bookings, automatic email confirmations, database management for user records.

**Logistics company website:**

**Status:** Work in progress

**Focus:** Frontend with basic enquiry forms

**Telemedicine Platform:**

**Description:** An advanced telehealth platform for booking consultations with hospitals, conducting virtual meetings, and purchasing medicine from registered pharmacies.

**Features:** Virtual calls integrated via a 3rd party SDK, backend handling API requests to create and manage meetings, payments via mpesa.

**Status:** Work in progress

**Technologies:** Python, Flask, JavaScript, HTML, CSS, MySQL,Redis

**Github**

[**https://github.com/frankrazzih?tab=repositories**](https://github.com/frankrazzih?tab=repositories)