

Samuel Ndienye

Software Engineer & Clinical Officer

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About Me

A passionate software engineer transitioning from clinical medicine to technology. As a clinical officer with deep healthcare experience, I'm now learning software engineering to create innovative solutions that bridge healthcare and technology. My goal is to develop applications that improve patient care and streamline medical processes. I bring a unique perspective combining healthcare knowledge with technical skills to solve real-world problems in the medical sector.

Experience

Software Engineering Student

Power Learn Project (PLP)

June 2025 - Present

Learning full-stack development with focus on creating healthcare technology solutions. Developing skills in HTML, CSS, JavaScript, and Python while working on practical projects that demonstrate real-world applications.

Clinical Officer Student

Machakos KMTCC

2021 - Present

Studying clinical medicine with focus on patient care and healthcare systems. Gaining hands-on experience in medical procedures, patient management, and understanding healthcare workflows that can be optimized through technology.

Education

Clinical Medicine

Machakos KMTc

2021 - Present

Comprehensive study of clinical medicine, patient care, and healthcare systems management.

Secondary Education

High School

2017 - 2020

Completed secondary education with focus on sciences and mathematics, providing strong analytical foundation.

Skills & Technologies

Programming Languages

- ▶ HTML5 (85% proficiency)
- ▶ CSS3 (80% proficiency)
- ▶ JavaScript (70% proficiency)
- ▶ Python (75% proficiency)

Tools & Technologies

- ▶ VS Code (90% proficiency)
- ▶ PyCharm (85% proficiency)
- ▶ AI Tools for efficiency (80%)
- ▶ Git & GitHub (75% proficiency)

Healthcare Knowledge

- ▶ Patient Care Systems
- ▶ Medical Procedures
- ▶ Healthcare Workflows
- ▶ Clinical Documentation

Featured Projects

Hello World

HTML

First HTML project - simple and clean introduction to web development, demonstrating basic HTML structure and formatting.

The Burger Palace

HTML, CSS

Restaurant website showcasing menu items and services with modern design, responsive layout, and user-friendly interface.

Shoe Shop

HTML, CSS

E-commerce website for footwear with product catalog and styling, demonstrating e-commerce design principles and user experience.

Career Objective

To leverage my unique combination of healthcare knowledge and software engineering skills to develop innovative technology solutions that improve patient care, streamline medical processes, and bridge the gap between healthcare and technology. I aim to create applications that make healthcare more accessible, efficient, and user-friendly for both medical professionals and patients.