



DAVID MWaura

Full Stack Web Developer

About Me

I am a passionate and detail-oriented Full Stack Web Developer who enjoys transforming ideas into functional, visually engaging, and user-friendly digital solutions.

With a strong foundation in algorithms, and modern frameworks like React, I bring both creativity and technical precision to every project I undertake.

I thrive in collaborative environments where designers, developers, and project managers come together to craft seamless experiences. My approach combines clean, maintainable code with a keen eye for usability, scalability, and performance optimization.

Driven by passion and a commitment to continuous learning, I stay updated with emerging web technologies and industry best practices. My goal is to contribute innovative solutions that not only meet business objectives but also enhance user experiences in meaningful ways.

Achievements

AI Boma Health

Designed and implemented an AI-based health system to predict, diagnose, and support treatment of hypertension using machine learning and natural language processing. The project includes a predictive model and a hypertension chatbot expert system. It leverages structured clinical data and conversational AI to enhance early diagnosis and improve patient outcomes.

Technologies used: Python, Rasa, Flask, React, SQLite, Spacy, MedSpacy, Scikit-learn

Web-Based Agricultural Market

Developed a web-based application called Farmers-Connect that enhances the supply-chain structure of the agricultural market in our country, connecting farmers to customers nationwide. The application also analyzes the demand and supply of various agricultural outputs across the country.

Technologies used: Django and React

My Contact

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Expertise

Python



C++



JavaScript



HTML & CSS

Django



React



Flask



SQL



AI & ML



Data Analytics



Training & Certifications

CS50's Web Programming with Python and JavaScript

Harvard University (edX) | Aug 2025 - Oct 2025

Microsoft Azure Cloud Computing Essentials

Learn Microsoft | June 2023 - Aug 2023

Work Experience

Web Xperience Kenya | Web Designer

Nairobi Kenya | May 2024 - September 2023

Collaborated with a team of developers and designers to create websites for clients across diverse industries. Designed and implemented intuitive UI/UX components using HTML, CSS, JavaScript, and WordPress.

Education

BSc. Computer Science

Jomo Kenyatta University of Agriculture and Technology (JKUAT),
Kenya | 2020-2025

Kenya Certificate of Secondary Education

Kagumo High School, Kenya | 2016-2019

Portfolio Highlights

View my builds and prototypes:

www.davidjun.com

Featured:

- Responsive web builds
- User research-driven workflows

Language

English - C1

Swahili - C1

Soft Skills

- Teamwork & Collaboration
- Effective Communication
- Problem Solving
- Creativity