KELVIN WACHIRA

Full Stack Developer

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PROFESSIONAL SUMMARY

Self-taught Full Stack Developer specializing in building responsive, user-friendly web and mobile applications. Proficient in Python (Flask), JavaScript (React, Next.js), and Node.js. Passionate about leveraging AI and LLMs to deliver innovative solutions in healthcare and beyond.

TECHNICAL SKILLS

Frontend:
React | React Native | Next.js | HTML | CSS | Tailwind CSS

Backend:
Python (Flask) | Node.js | Express | Prisma ORM

Databases:
MongoDB | MySQL | PostgreSQL

Languages:
Python | JavaScript

Tools & Platforms:
VS Code | Postman | Vercel | Heroku | Git | Git Bash

Design & AI/ML:
Figma | GPT-3 | GPT-4 | LLama | Qwen | DeepSeek

KEY PROJECTS

MediBot Medical AI Chatbot

Developed both frontend and backend of a production-ready medical chatbot that leverages LLMs to help patients assess signs and symptoms and receive tailored medical advice and treatment recommendations.

- Backend: Python Flask APIs handling symptom analysis, user sessions, and LLM queries.
- Frontend: React-based SPA with chat interface, history persistence, and responsive design.

Technologies: Flask, React, MongoDB, Firebase Auth, Tailwind CSS, OpenAI GPT APIs

Backend Repo • Frontend Repo • Live Demo

Ticketing Application (Patatiko)

Full-stack web app for selling event tickets (theatre, movies, concerts). Implemented user registration, ticket inventory, payment integration, and admin dashboards.

Technologies: Node.js, Express, MongoDB, React, Redux

Live Demo • Backend Repo

Interpark Real Estate Mobile App

Cross-platform mobile application (Android & iOS) for property listings and agent-client messaging. Features: searchable listings, detailed property views, in-app chat, push notifications.

Technologies: React Native, Firebase, Node.js, Express

Frontend Repo • Backend Repo

Picke'm Fantasy Football App

American Football fantasy game where users pick weekly match winners, join/create leagues, and earn points. Features: live score updates, league standings, and social sharing.

Technologies: React, Redux, Node.js, Express, MongoDB

Frontend Repo • Backend Repo

Additional Projects

- Equipment Entry Program: Desktop application for managing equipment inventory (Python, PySimpleGUI) - Repo
- Movie Streaming Platform (Chilflix): Netflix-like MERN stack application - Repo
- Ann's Cake Website: Static marketing site for a local bakery (HTML, CSS, JavaScript) - Repo

EDUCATION

Bachelor of Theatre & Film Technology
Kenyatta University, Class of 2023

High School
Moi Forces Academy Nairobi • K.C.S.E Mean Grade: B

INTERESTS

- Exploring AI and new web technologies (e.g., Svelte)
- Playing video games
- Contributing to open-source

REFERENCES

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Additional references available upon request.

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