

# 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

### Earnest Rotich

CEO, Interpark Enterprises Limited

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*Additional references available upon request.*