



WILFRED MANYARA

Red Hill Road Westlands Nairobi, Kenya

+254758816768  info@wilfredmanyara.com  wilfredmanyara.com

Education

Kenyatta University

Bachelor of Science in Computer Science

Expected Graduation: December 2024

Nairobi, Kenya

Relevant Coursework: Data Structures, Algorithms, OOP, Computer Systems, Computer and Network Security, Intro to Machine Learning, Applied Statistics, Linear Algebra, Computer Vision

Technical Skills

Languages: Java, Python, JavaScript (React), Kotlin, Typescript, Ruby, C++, C#, PHP, HTML/CSS, Rust

Technologies/Frameworks: Django, Angular, Node.js, React Native, PostgreSQL/Mongo DB, GitHub, Tailwind CSS

Experience

Freelance Full Stack Software Engineer

Azprod

Nairobi, Kenya

Sep 2023 – Mar 2024

- Developed a robust PDF parsing module that accurately extracted information from diverse PDF formats, including text, images, and other relevant data.
- Integrated advanced NLP algorithms to enable the Chatbot to comprehend user queries, interpret PDF content, and generate contextually relevant responses. It also had an intuitive interface that facilitated seamless user interaction.

Projects

Ecommerce Bookstore App | React.js, Node.js, Mongo DB, REST APIs, Authentication & Authorization

<https://github.com/wilfredmanyara/book-store>

- Developed a user-friendly interface allowing users to browse books by categories, authors, or genres.
- Integrated a cart functionality for users to add, remove, and purchase books seamlessly.
- Implemented a responsive design to ensure a consistent experience across devices.

Nasiri: Mental Health Mobile App | React Native, JavaScript, Redux, Axios, React Navigation

<https://github.com/wilfredmanyara/Nasiri>

- Developed a React Native mobile app aimed at tackling Africa's mental health crisis by providing community support, AI-driven risk assessment, and access to professional care.
- Collaborated with a multidisciplinary team to design and implement features focused on raising awareness, destigmatizing mental health, and fostering supportive networks.

Activities and Awards (Kenyatta University Edition)

ACM (Association for Computing Machinery) Student Research Competition Award.

July 2023

The competition recognized the excellence in my computer science research and offered me an opportunity to showcase my work in front of a panel of judges, typically consisting of leading researchers and professionals in the field.

Extracurricular Activity

Skyscanner Software Engineering virtual experience program on Forage

September 2023

- Completed a job simulation where I built a web application using React as a front-end engineer at Skyscanner.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.
- Customised my application and ran automated tests to ensure it rendered properly.