

Mark Wandera

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Education

Moringa School

Aug 2023 - Present

Software Engineering

Nairobi, Kenya

- **Relevant Coursework:** Front End Web Development (HTML, CSS and JavaScript), Front End Web Applications (React.js), Back-End Development (Python, SQL, SQLite, SQLAlchemy, Alembic), Back-End Web APIS (Flask), Data Structures and Algorithms (JavaScript and Python),

University of Nairobi

Sept 2018 - Sept 2023

Bachelor of Science in Civil Engineering

Nairobi, Kenya

- **Relevant Coursework:** Introduction to Data Structures and Algorithms (C++)

Experience

Intellisoft Consulting Limited

Aug 2023 - Present

Digital Health, Front End Engineer

Nairobi, Kenya

- Designed, prototyped, and collaborated with software developers to create a Cancer Notification tool for The National Cancer Institute of Kenya that enhanced the quality and speed of cancer reporting.

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Jun 2023 - Present

Product Designer

Nairobi, Kenya

- Designed, and deployed a mobile application prototype using React Native to address the challenges arising from intermittent water supply and ensure improved water quality and access in Accra, Ghana.

Projects

Cocktail Compass | HTML, CSS, JavaScript

- Developed and deployed a web app for cocktail enthusiasts, boasting a unique design and standout features like cocktail roulette, elevating user engagement.

Humtheman | Nodejs, Expressjs, EJS and MongoDB

- Integrated JWT Tokens in the admin panel to restrict editing, posting, and deletion to administrators, enhancing site security and improving blog management convenience.

Listify | React.js

- Developed and deployed a todo list app with editing, deleting, posting capabilities leading to systematic task organization among colleagues in my workplace.

Sonarjs | HTML, CSS, JavaScript

- Designed, Developed and deployed a text to speech converter that significantly boosted user engagement, particularly among individuals with low vision, blindness, or dyslexia.

Telly9n Movies | React.js

- Collaboratively designed and launched a movie database alongside a team of software developers, incorporating distinctive features like "Movie Talk," resulting in a notable surge in user engagement.

Technical Skills

Languages: JavaScript, Python, SQL

Technologies: Figma, React.js, React Native, Flask, Express.js, Node.js, EJS, MongoDB, SQLite, SQLAlchemy

Concepts: Compiler, Encryption, Decryption, AI, API, Agile Methodology, Database Normalization