

LABAN MAHIHU

P.O Box 6373-01000 Thika, Kenya

Tel: +254769566055

Email: labanmahs2002@gmail.com

CAREER PROFILE SUMMARY

Creative software developer with a passion for developing innovative programs that expedite the efficiency and effectiveness of organisational success. Strong in design and integration with intuitive problem-solving skills. Proficient in HTML, CSS, JavaScript and Python, with a strong understanding of responsive design principles. Able to create UI/UX designs by working with tools such as Figma. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. I am now looking to start a career as an entry-level front-end software engineer with a reputed firm driven by technology.

TECHNICAL SKILLS

- Proficient in HTML, CSS, and JavaScript
- Strong understanding of responsive design
- Broad understanding of Data Structures and Algorithms
- Proficient with modern frontend frameworks and libraries including React JS, and Next JS
- Strong debugging skills
- Extensive knowledge of User Interface and User Experience designing
- Skilful in version control technologies such as Git and GitHub

EDUCATION BACKGROUND

- **Bachelor's Degree in Informatics and Computer Science:** Strathmore University; April 2020 to June 2024
- **Kenya Certificate of Secondary Education:** Pioneer High School; January 2016 to December 2019

KEY SKILLS AND COMPETENCIES ACQUIRED

- **Proficiency in HTML, CSS, and JavaScript:** These are the fundamental languages for building web interfaces. I have a strong understanding of how to use these languages to create and style web pages.

- **Responsive design:** With the proliferation of devices with varying screen sizes and resolutions, web pages must be built so that they look and function properly on every device. To maintain a consistent user experience, I have knowledge with responsive design strategies.
- **Modern frontend frameworks and libraries:** Popular frontend frameworks and tools that can help with web interface development include React, Angular, and Vue.js. I am knowledgeable enough with React and Next JS to be able to use their features to design web interfaces more effectively.
- **Data Structures and Algorithms skills:** As a software developer, I have a strong understanding of different Data Structures and Algorithms to be able to create systems that are efficient such that the system utilizes the least computational resources.
- **Debugging skills:** Even with the finest planning, things will go wrong in a web project at times. I have great debugging skills, allowing me to discover and resolve issues as they arise.
- **Collaboration and communication skills:** As a front-end developer, I frequently collaborate with other developers, designers, and stakeholders. To ensure that everyone is working toward the same goals, good teamwork and communication skills are required.

PROJECTS

- **Newsletter Subscription website:** Built a simple website that allows a user to subscribe to a newsletter. I used technologies such as HTML, CSS and JavaScript for the user interface, NodeJS to handle user requests and Mail Chimp to keep record of different user emails.
GitHub link: <https://github.com/lbnmahs/Newsletter-subscription>
- **Online liquor store:** With the help of technologies such as Next JS to build the user interfaces and Sanity IO to store the different items and categories, I was able to create a simple online liquor store.
GitHub link: <https://github.com/lbnmahs/liquor-store>
- **Event creation and management system:** For my third-year project, I was able to build an event management and creation system. I used technologies such as React JS for the front-end and NodeJS as the back end with MongoDB as the database.
GitHub link: <https://github.com/lbnmahs/project-sevents>
- **Ethereum transaction system:** This is a simple web application that allows users to connect their MetaMask wallets so that they can be able to transact Ethereum through the blockchain. The web application is built using Vite JS and the smart contracts are built using solidity and other packages such as hard-hat.
GitHub link: <https://github.com/lbnmahs/send-crypt>
- **Mellow the Coding AI Assistant:** With the rise of ChatGPT, I had an idea of implementing its clone. With the availability of OpenAI's codex model, I was able to implement the interactive AI. I used ViteJS to build the frontend and NodeJS to build the backend side that made a request to OpenAI's API codex model.

GitHub link: <https://github.com/lbnmahs/Mellow>

PAST EXPERIENCES

- Service Based Attachment; February 2021 to March 2021. I volunteered as a teacher in Mugumo-ini primary school in Thika. I taught the pupils Mathematics and Science. I also assisted the teachers in marking exams and filling in the pupil's marks in the NEMIS portal.

REFEREES

Mr. Samuel Njoroge

Mentor

Tel: +254721348075

Mrs. Esther Nyambura

Mentor

Tel: +254724849044