

LABAN MAHIHU

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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

- **Personal portfolio website:** Built my personal portfolio website to showcase who I am as a developer and my skills to the world. The website is built using Vite JS and React JS as the base framework for the frontend. I also implemented Three JS to spice up the UX of the website.
GitHub link: <https://github.com/lbnmahs/laban-dot-com>
- **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-seaevents>
- **Mellow the Coding AI Assistant:** With the rise of ChatGPT, I had an idea of implementing it's 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.
- Work Based Learning: February 2023 to April 2023. I was a web developer at Tangaza University College located in Karen, Nairobi. I did design and web development for the different institutions at the university.

REFEREES

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