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| Victor Maina |

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# Objective

Aspiring software engineer with strong experience in front-end and back-end development. Recently completed an intensive software engineering program in 2024, gaining fluency in full-stack technologies. Seeking to leverage my skills in a dynamic role where I can contribute to the success of innovative projects. Previously studied Project Management at the university level, and served in leadership and technical roles during high school.

# Education

**Software Engineering Program**

Moringa | Feb 2024 – July 2024

* Gained proficiency in full-stack development, with a focus on building modern, scalable web applications.
* Hands-on experience with front-end technologies (React, JavaScript, Typescript, CSS) and back-end frameworks (Flask, Python, Node.js).
* Completed several capstone projects, including full-stack web apps with integrated databases and authentication systems.
* Gained experience in API integration, debugging, and optimizing applications for performance and scalability.

**High School Diploma (B- in KCSE)**

Nairobi School| 2014 – 2017

* **Leadership Role**: English Promoter, responsible for organizing school debates, speech competitions and the study and proficient use of the language.
* **Technical Role**: Drama Club Sound Engineer, responsible for managing audio equipment for school performances and events.

# Experience

## CAPSTONE PROJECTS| MORINGA SCHOOL| MAY 2024 – AUG 2024

* **Omega (Online Gaming Platform)**: Full-stack application that allowed users to register, play games, and interact. Built with React, Flask, and PostgreSQL.
* **Kindr (Automated Charity Donation App)**: Full-stack application to automate charity donations. Developed with React, Flask, and integrated with payment APIs.
* **TuneStream (Spotify Clone)**: Full-stack music streaming platform inspired by Spotify. Front-end built with React, back-end using Flask and MongoDB.
* **Animeverse (Anime and Manga Library)**: Front-end platform allowing users to browse anime and manga collections. Developed with React and integrated with external APIs.
* **Passionate Angles (Elderly Home Website)**: Front-end website designed for a home for the elderly, created with React and optimized for accessibility.
* **CleanHub (Laundry Company Website)**: Front-end development for a laundry business, built with HTML, CSS, and React for a modern user interface.
* **Wink (Tinder Clone)**: Full-stack dating app inspired by Tinder, allowing users to swipe, match, and chat. Built with React, Flask, and integrated with a real-time chat system.

## CLASS REPRESENTATIVE & SRUM MASTER | MORINGA SCHOOL | FEB 2024 – AUG 2024

* Acted as the primary contact for students, resolving issues and facilitating communication between instructors and classmates.
* Led project teams as Scrum Master, managing sprint planning, reviews, and retrospectives.

## FARM CLERK/ MANAGER | FAVOUR FARM | 2022 – 2024

* Handled sales and crop development, overseeing day-to-day farm operations.
* Improved crop yield by implementing innovative farming techniques and increasing overall revenue by optimizing sales strategies.

**SOUND ENGINEER | IGIZA ARTS AT KENYA NATIONAL THEATRE | 2020 – 2021**

* Managed sound equipment and audio production for theatrical performances at the Kenya National Theatre.
* Collaborated with directors to ensure high-quality audio for live productions.

# Skills & Abilities

* **Front-End**: React.js, HTML5, CSS3
* **Back-End**: Flask, Node.js, Express.js, SQL
* **Languages**: JavaScript, Typescript, Python
* **API Integration**: RESTful APIs, Postman, Axios
* **Tools & Platforms**: Git, GitHub, Docker, Postman, Agile (Scrum)
* **Project Management**: Scrum Master, Agile Methodologies, Jira

# Extracurricular Activities

* Contributor to open-source web development projects, focusing on full-stack and API integration.

# References

* Available upon request.