JOACHIM WAMBUA

FRONT END ENGINEER AND GOLD FELLOW AT THE ROOM

PROFESSIONAL SUMMARY

Self-motivated and adaptable Front End Engineer with 2 years of experience developing beautiful web applications. A lifelong learner, passionate about leveraging innovative technologies, including ReactJS, VueJS & NodeJS to build impactful web applications that enhance user experiences. Graduated from the ALX Tech program amongst the Top 5-10%, showcasing solid problem-solving skills and dedication. Proud ALX Gold Fellow at The ROOM.

TECHNICAL SKILLS

- Programming Languages: Javascript, Python, HTML, CSS
- Frameworks: VueJS, ReactJS, Flask
- Databases: MySQL, PostGreSQL, MongoDB
- Operating Systems: Linux, Windows
- Version Control: Git
- Project Management Tools: Asana, Notion

CONTACT ME

- ✉ kimwambua96@gmail.com
- ☎ +254 719 417 307
- in LinkedIn URL
- 🖥 Portfolio Link

WORK EXPERIENCE

Software Engineer   **April 2022 - Present**

KomezArt | Kigali, Rwanda

- Improved website loading speed by 25% through code optimization and maintenance.
- Managed and analyzed data on 900+ artworks, 600+ customers, and 90+ artists for the website's database.
- Analyzed website traffic patterns and recommended targeted marketing strategies, resulting in a 30% rise in unique visitors.
- Optimized website content and meta tags, resulting in an approximately 35% increase in search traffic within six months.

Junior Software Engineer   **October 2022 - March 2023**

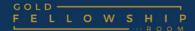**Social Enterprise NL | Amsterdam, Netherlands**

- Integrated 3 external REST APIs (ProcesswireAPI, LinkedIn API & MiroAPI), enhancing website functionality and enabling seamless data exchange with external platforms.
- Developed 10+ user-friendly front-end components collaboratively, streamlining the development process and reducing code duplication.
- Responsible for database optimization techniques, resulting in a 25% reduction in query response times.
- Successfully deployed containerized instance of the S.C.I. website on A.W.S. Lightsail, serving 700+ users.

Front End Engineer - Intern   **June 2021 - December 2021**

The ROOM | Nairobi, Kenya

- Built 7+ front-end components using VueJS for The Room's Young Leader Portal with a team of 4 developers, serving 800+ young leaders.
- Created U.I. wireframes in Figma that received positive feedback from stakeholders, resulting in a 15% reduction in design revision cycles.
- Implemented the LinkedIn Authentication system, allowing 800+ young leaders to register and log in using their LinkedIn profiles.

Represented by: **The Room**
Pathfinder: **Jackie Namalwa**
Pathfinder's Tel: **+256-752-600746**
Pathfinder's email: **jnamalwa@theroom.com**

EDUCATION

BSc. Computer Science
The African Leadership University
2018 - 2022

Bsc. Electronic & Computer Engineering
Jomo Kenyatta University of Agriculture & Technology
2015 - 2018

CERTIFICATIONS

Data Analyst Nanodegree - Udacity
July 2022 - Nov 2022

Web Development Foundations - Udacity
Jun 2022 - Jul 2022

Python Programming Foundations - Udacity
Jun 2022 - Jul 2022

PROJECTS

Translating Kenyan Sign Language Words using deep learning technologies   **2022**

Developed a machine learning model to translate Kenyan sign language hand gestures to corresponding words as an assistive solution. Demo Video & Documentation

MediChat — A Medical Chatbot Solution   **2022**

Built a medical chatbot in a team of five during the Health-Tech Hackathon hosted by AL for Health. Demo Video & Project Documentation

REFERENCES

Available On Request