ALEX MAINA

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LinkedIn   **Github**   **Portfolio**

SUMMARY

Results-driven backend developer, with 1.5 years of experience delivering impactful solutions. Adept at creating user-centered software, through clean code and creative problem solving. Skilled leader who has the proven ability to motivate, educate, and manage a team of professionals, to build software that meets a company's organizational needs. I'm eager to learn and grow in a professional environment that appreciates my skills and offers avenues for growth.

SKILLS

- Proficient in HTML, CSS, JavaScript, Python, PHP, MySQL & C
- Skilled in frameworks and libraries like Tailwind, React, Bootstrap, Node js, Express, Django, Flask, Redux.
- LAMP & MERN stack,
- Knowledge in CI/CD.

- Backend Development
- Front-end development
- Database Management: MySQL, MongoDB
- Version control: Git & Github

EXPERIENCE

FEB 2023 – FEB 2024

SOFTWARE ENGINEER, *ALX AFRICA* **(APPRENTICESHIP***)*

- Enrolled in a rigorous and immersive software engineering program, focusing on project-based learning and hands-on development.
- Developed proficiency in a diverse range of technologies, including but not limited to Python, JavaScript, React, APIs, Express, Redux and Flask.
- Collaborated with peers on numerous projects, performed code reviews, fostering teamwork and collaboration skills.
- Designed, implemented and maintained RESTful APIs to facilitate communication between different web applications and integrated them with frontend components to facilitate a seamless user experience.
- Showcased practical experience through a portfolio project that demonstrates my ability to create functional and user-centered applications, driving a 3X increase in inquiries from potential clients.
- Attained proficiency in problem solving, communication and soft skills crucial for effective teamwork and project management.

AUG 2023 – DEC 2023

SOFTWARE ENGINEER, *ALX-MULTITONE-MAGIC* (**PROJECT***)*

- During my time at ALX, I collaborated with a fellow developer to build a chrome extension that allows users to customize the theme of alx intranet, the learning platform for alx Africa.
- Researched the psychology of colors and user interface classes for seamless integration, and employed interactive design for refining the extension concept.
- Overcame challenges of being new to extension development, by learning fundamentals together and utilizing online resources and clear communication channels.
- Embraced trial and error mindset, allowing room for mistakes and learning from them.
- Developed using JavaScript, HTML, and CSS, and rigorously tested for compatibility. Committed to refining the extension based on user feedback and excited about future improvements.
- Utilized Git for version control and maintained a robust codebase, allowing for efficient collaboration and reducing the error rate by almost 50%.
- Since launch, the extension gained traction boasting over 65 users.

OCT 2022– JAN 2023

SOFTWARE DEVELOPER, *AFREE-TECH*(**CONTRACT***)*

- At Afree-Tech, I developed and maintained the company's website, resulting in a 50% increase in user engagement.
- Assisted in the development and implementation of responsive and user-friendly web interfaces.
- Built Minimum Viable Products (MVPs) to test ideas and validate assumptions quickly, gathering feedback for making uniformed decisions.
- Collaborated with cross-functional teams to deliver projects on time and within scope.
- Participated in brainstorming sessions, design reviews, and sprint planning meetings to ensure alignment across the team.

EDUCATION

2023 - 2024

HOLBERTON SCHOOL, SILICON VALLEY

Software engineering, Full Stack Development. – *School of computer science*
I enrolled in a 13-month software engineering program.

2020 - 2023

JKUAT UNIVERSITY, NAIROBI

I pursued a BSc. in Business Computing at Jomo Kenyatta University of Agriculture and Technology (JKUAT), an esteemed institution known for its exceptional academic standards and vibrant campus life.

2016 - 2019
NJIIRI HIGH SCHOOL, **MURANG'A**
Kenya Certificate of Secondary Education

ACTIVITIES

Hackathons – Creating innovative tech solutions under tight deadlines.
Open Source – Collaborating with developers to enhance software solutions.
Side Projects – Explore creative solutions, push boundaries and maintain a curious mindset.
Blogging – Writing articles sharing insights on web development trends and best practices.