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EDUCATION

Kirinyaga University September 2020 – Expected Graduation: September 2024

BSc Computer Science

SKILLS

Database: MongoDB, Firebase, MySQL, SQL

Languages: JavaScript, Python.

Frameworks: Express (NodeJS), React.js, Next.js

Tooling: Git and GitHub, Azure DevOps.

Linux: Command line and Bash scripting

PROJECTS

KYUCU – KIRINYAGA UNIVERSITY, Frontend Web Developer June 2021 – Present

- Working with other developers to build and maintain the website/webapp of Kirinyaga University Christain Union.
- Worked on the frontend with **ReactJS** and **Material UI**.
- Made the website more responsive, accessible which led to over 30 visits every single day.

Microsoft Game of Learners – Africa, Frontend Web Developer February 2022 – April 2022

- I was among the 40 students chosen by Microsoft ADC (Africa Development Center) to participate in the Game of Learners hackathon where we were seeking a solution to climate change.
- I worked with 4 other team members and we developed our solution with **ReactJS** and **CSS** for frontend and **power BI** for backend.
- My team (our solution) became first runners-up.

ZANABLOG – Zana, Lead developer September 2022 – September 2022

- Built a full stack blogging application.
- Developed the frontend using **ReactJS** and **CSS** and the backend using **Firebase**.
- Made the website **SEO** (Search Engine Optimization) friendly.

C - printf August 2022 - Alx software engineering bootcamp/scholarship

- Developed a minimal version of the **C** printf function alongside a peer software engineer using **C** language.
- Made the function to print to the console all data type formats including binary digits and hexadecimal digits among others without using the native printf inbuilt in **C**.
- Wrote the **man page (Command Line Interface documentation tool for Linux)** for the function.
- We scored 134% for this project (the 34% was for the advanced task for this project, which in total would then sum up to 200%) but for the mandatory and main task, we scored 100%.

LEADERSHIP AND COMMUNITY INVOLVEMENT

Beta Microsoft Learn Student Ambassador May 2022 – Present

Collaborates with other student campus leaders globally to organize virtual and in-person events that have impacted many students globally. View certificate <https://studentambassadors.microsoft.com/certificate/d577ddc6-16cd-4abe-8913-eda7a817b5f2>

Club Participant (Web Development Lead) – Computer Society of Kirinyaga September 2020 – Present

Exploring and learning together with my fellow tech students and tech enthusiast students. I currently coach the Computer Society of Kirinyaga community in JavaScript/ web programming and most of them are already building their own websites, web apps, projects and their own products.

CERTIFICATION AND LICENSURE

Software Engineering - Alx June 2022

The ALX Holberton Software Engineering program is a 12-month(70h/week) immersive program that engages technology enthusiasts and budding software engineers in a variety of programs across in-demand tech disciplines to prepare them for a global career as a Full-Stack Developers.

Web design and Web Development certification FreeCodeCamp January 2021

Awarded Certificate: <https://www.freecodecamp.org/certification/fccc5914798-0295-427c-8a99-9c39557ac6d2/responsive-web-design>