

# ZAMZAM ALI

## SOFTWARE ENGINEER

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### EDUCATIONAL BACKGROUND

UNITED STATES INTERNATIONAL UNIVERSITY, AFRICA

Nairobi, Kenya

Bachelor of Arts in International Relations

2020-2024

- **Major:** International Relations
- **Minor:** French
- **Concentration:** Development studies

AFRICAN LEADERSHIP UNIVERSITY (ALX)

Nairobi, Kenya

Software Engineering Program

2023-2024

- **Focus:** Software Engineering
- **Accreditation:** Computer Science
- **Program Coursework:** Front-End Engineering, Back-End Engineering, Full-Stack Engineering, Graphics Engineering, DevOps Engineering, Mobile App Development, Embedded System Engineering, Systems Administration, Cyber Security Engineering.

### CERTIFICATIONS

HARVARD UNIVERSITY

REMOTE

Introduction to Computer Science

2022-2023

- **Learning Outcomes:** Data Structures, Algorithms, C, Python, SQL, JavaScript, CSS, HTML.
- **Certificate:** CS50x
- **Coursework:** 10 problem sets, 9 labs, 1 final project.

UDEMY

REMOTE

The Complete 2023 Web Development Bootcamp

2022-2023

- **Learning Outcomes:** *Front-End Web Development:* HTML 5, CSS 3, Flexbox, Grid, Bootstrap 5, Javascript ES6, DOM Manipulation, jQuery, Bash Command-Line. *Backend Web Development:* Node.js, NPM, Express.js, EJS, REST, APIs, *Databases:* SQL, MongoDB, Mongoose, *Authentication:* Firebase. React.js, React Hooks Web Design Deployment with GitHub Pages, Heroku, and MongoDB Atlas.
- **Certificate:** Full-Stack Web Development.

### EMPLOYMENT

WEB DEVELOPER

MOUNTAIN SLOPES INTERNATIONAL (STARTUP)

Jan-Aug 2023

Web application:

- Crafted interfaces prioritizing user experience, merging user needs (UX) with design principles (UI) to drive engagement.
- Developed and deployed code maintaining engineering processes and design coherence, ensuring polished digital solutions.
- Guided projects from inception to delivery, setting scopes, priorities, and meeting timelines for successful launches.
- Collaborated adeptly with teams – Product Managers, designers, and CRM specialists – fostering efficient collaboration.
- Proficient in English, facilitating agile communication crucial for cross-border teamwork.
- Proficient in HTML, SCSS, CSS, JavaScript, and PHP, alongside tools like GitHub, Git, and VS Code, for comprehensive web development.
- Ensured reliability through rigorous testing and peer feedback, resulting in high-quality outputs.
- Grasped backend principles and REST architecture, facilitating seamless integration.
- Flourished in the startup environment, independently addressing challenges and innovating.

**Main Project:** <https://mountain-slopes-international-website.vercel.app/>

### SOFTWARE PROJECTS

**Github:** <https://github.com/developer020> (For additional information and projects)

**iOS ChatGPT App [Link:** <https://www.youtube.com/watch?v=D6bBDLWg1sI>**]**

- Using Swift and Objective-C I created an iOS application for ChatGPT
- Due to the high gas fees associated with developing a fully-fledged app, OpenAI only had a web application for ChatGPT
- I solved this issue by hosting the ChatGPT web application within a WebKit view in my application.

**Tindog (Tinder for dogs) [Link:** <https://developer020.github.io/TinDog/>**]**

- Using HTML, CSS, and Bootstrap I developed a front-facing static website, functional across all devices.
- The website is a single landing page that markets a mobile application known as Tindog to users.
- It links users to, what should be, the actual Tindog application.

**Apple Dupe [Link:** <https://developer020.github.io/Apple-Dupe/>**]**

- Using HTML, and CSS, I recreated Apple's products landing page.
- Utilizing UI/UX design and ViewPort functionality, I could deploy the webpage on multiple devices.
- On the landing page, the proponents and links redirect users to the actual product pages of Apple Inc.

**Portfolio Website [Link:** <https://zamzamdeveloper.vercel.app/>**]**

- I coded a personal portfolio website for all my projects using HTML, Tailwind CSS, Next.js, and Vercel for deployment.
- UI/UX design was a big part of this project, prioritizing user engagement.

### SKILLS

- **Software:**(*proficient*): HTML/CSS, JavaScript, Bootstrap, Tailwind CSS, Next.js, Node.js, Express.js, jQuery, Git/GitHub (*familiar*): C, Swift, React.js, Python, SQL, MongoDB, React Native