

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
<ul style="list-style-type: none">Major: International RelationsMinor: FrenchConcentration: Development studies	
AFRICAN LEADERSHIP PROGRAM (ALX)	Nairobi, Kenya
Software Engineering Program	2023-2024
<ul style="list-style-type: none">Focus: Software EngineeringAccreditation: Computer ScienceProgram 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
<ul style="list-style-type: none">Learning Outcomes: Data Structures, Algorithms, C, Python, SQL, JavaScript, CSS, HTML.Certificate: CS50xCoursework: 10 problem sets, 9 labs, 1 final project.	
UDEMY	REMOTE
The Complete 2023 Web Development Bootcamp	2022-2023
<ul style="list-style-type: none">Learning Outcomes: <i>Front-End Web Development:</i> HTML 5, CSS 3, Flexbox, Grid, Bootstrap 5, Javascript ES6, DOM Manipulation, jQuery, Bash Command-Line. <i>Backend Web Development:</i> Node.js, NPM, Express.js, EJS. REST, APIs, <i>Databases:</i> SQL, MongoDB, Mongoose, <i>Authentication:</i> Firebase. React.js, React Hooks. Web Design Deployment with GitHub Pages, Heroku, and MongoDB Atlas.Certification: Full-Stack Web Development.	

EMPLOYMENT

WEB DEVELOPER(HYBRID)	MOUNTAIN SLOPES INTERNATIONAL (STARTUP)	Jan-Apr 2023
Organization Website: (https://mountain-slopes-international-website.vercel.app/):		
<ul style="list-style-type: none">Crafted interfaces prioritizing user experience, merging user needs (UX) with design principles (UI) to drive engagement.Collaborated adeptly with teams – Product Managers, designers, and CRM specialists – fostering efficient collaboration.Utilized HTML, SCSS, CSS, JavaScript, and PHP, alongside GitHub, Git, and VS Code.Ensured Quality Assurance through rigorous testing and peer feedback, resulting in high-quality outputs.Implemented backend principles and REST architecture, facilitating seamless integration.		
SENIOR WEB DEVELOPER(REMOTE)	MOUNTAIN SLOPES INTERNATIONAL (STARTUP)	Apr-Aug 2023
I received a promotion to a managerial position within the same organization:		
<ul style="list-style-type: none">I successfully managed a team of four developers, establishing clear project scopes, priorities, and timelines for my team.Data-Driven Framework Creation: I streamlined all organizational activities through data analysis and implementation, implementing models such as decision trees in decision analysis.Quality Assurance: I maintained rigorous testing procedures and conducted peer code reviews to ensure the code produced met a high level of quality and reliability.		
SHOPIFY DEVELOPER(REMOTE)	AYRES ORIGINALS	Aug-Sept 2023
I created an E-Commerce platform for the sale of products owned by Ayres Originals(https://ayresoriginals.com/):		
<ul style="list-style-type: none">Customized Shopify themes using Liquid, HTML, CSS, and JavaScript to create a user-friendly shopping environment.Implemented and integrated third-party apps and payment gateways to enhance the platform's functionality.Optimized site performance through image optimization and code minification, ensuring faster loading times.Implemented robust security measures to safeguard customer data and maintain the platform's integrity.Search Engine Optimization through keyword research, on-page optimization, backlink building, and continuous performance analysis to enhance our platform's search engine visibility and organic traffic.		
WEB ENGINEER(ONSITE)	LANESA PHARMA	Sept-Present 2023
I am building a web application for a pharmaceutical company as their sole website engineer(https://lanesapharma.com/):		
<ul style="list-style-type: none">Collaborate with the CEO and founders to understand their vision and business goals.Select the appropriate technology stack based on project requirements and company needs.Implement front-end and back-end solutions using relevant technologies (i.e., HTML5, CSS3, JavaScript, React, Node.js, Express, MongoDB, PHP).Conduct rigorous testing and debugging to identify and resolve issues.Deploy the web application on relevant platforms (i.e., Vercel, Firebase).Monitor and maintain the application's performance, security, and reliability, performing updates, patches, and optimizations.		

SOFTWARE PROJECTS

Github: https://github.com/developer020 (For additional information and projects)	
iOS ChatGPT App [Link: https://www.youtube.com/watch?v=D6bBDLWg1sI]	
<ul style="list-style-type: none">Using Swift and Objective-C I created an iOS application for ChatGPTDue 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/]	
<ul style="list-style-type: none">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/]	
<ul style="list-style-type: none">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/]	
<ul style="list-style-type: none">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, Liquid, Git/GitHub

(familiar): C, Swift, React.js, Python, SQL, MongoDB, React Native