

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"><li>Major: International Relations</li><li>Minor: French</li><li>Concentration: Development studies</li></ul>   |                |
| AFRICAN LEADERSHIP PROGRAM (ALX)  | Nairobi, Kenya |
| Software Engineering Program  | 2023-2024      |
| <ul style="list-style-type: none"><li>Focus: Software Engineering</li><li>Accreditation: Computer Science</li><li>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.</li></ul> |                |

CERTIFICATIONS

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|--|-----------|
| HARVARD UNIVERSITY   | REMOTE    |
| Introduction to Computer Science   | 2022-2023 |
| <ul style="list-style-type: none"><li>Learning Outcomes: Data Structures, Algorithms, C, Python, SQL, JavaScript, CSS, HTML.</li><li>Certificate: CS50x</li><li>Coursework: 10 problem sets, 9 labs, 1 final project.</li></ul>  |           |
| UDEMY  | REMOTE    |
| The Complete 2023 Web Development Bootcamp   | 2022-2023 |
| <ul style="list-style-type: none"><li>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.</li><li>Certification: Full-Stack Web Development.</li></ul> |           |

EMPLOYMENT

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

SOFTWARE PROJECTS

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|--|--|
| Github: <a href="https://github.com/developer020">https://github.com/developer020</a> (For additional information and projects)  |  |
| iOS ChatGPT App [Link: <a href="https://www.youtube.com/watch?v=D6bBDLWg1sI">https://www.youtube.com/watch?v=D6bBDLWg1sI</a> ]   |  |
| <ul style="list-style-type: none"><li>Using Swift and Objective-C I created an iOS application for ChatGPT</li><li>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.</li></ul> |  |
| Tindog (Tinder for dogs) [Link: <a href="https://developer020.github.io/TinDog/">https://developer020.github.io/TinDog/</a> ]  |  |
| <ul style="list-style-type: none"><li>Using HTML, CSS, and BootStrap I developed a front-facing static website, functional across all devices.</li><li>The website is a single landing page that markets a mobile application known as Tindog to users.</li></ul>  |  |
| - It links users to, what should be, the actual Tindog application.  |  |
| Apple Dupe [Link: <a href="https://developer020.github.io/Apple-Dupe/">https://developer020.github.io/Apple-Dupe/</a> ]  |  |
| <ul style="list-style-type: none"><li>Using HTML, and CSS, I recreated Apple’s products landing page.</li><li>Utilizing UI/UX design and ViewPort functionality, I could deploy the webpage on multiple devices.</li><li>On the landing page, the proponents and links redirect users to the actual product pages of Apple Inc.</li></ul>              |  |
| Portfolio Website [Link: <a href="https://zamzamdeveloper.vercel.app/">https://zamzamdeveloper.vercel.app/</a> ]   |  |
| <ul style="list-style-type: none"><li>I coded a personal portfolio website for all my projects using HTML, Tailwind CSS, Next.js, and Vercel for deployment.</li><li>UI/UX design was a big part of this project, prioritizing user engagement.</li></ul>  |  |

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