Jackson M Macharia

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Objective

Aspiring Software Engineer and Computer Science undergraduate with a strong focus on frontend development, user experience, and responsive web design. Skilled in ReactJS, TailwindCSS, Firebase, and version control tools like Git. Passionate about building real-world web applications that solve problems and deliver value. Eager to contribute to mission-driven engineering teams where I can grow my technical expertise, write clean and scalable code, and collaborate to build meaningful digital solutions.

Experience

• Job Connect March 2025 - Current

Software Engineer

- Developed a dynamic job listing platform where users could browse, filter, and apply for job opportunities.
- Implemented user authentication and secure login/logout functionality using Firebase Auth.
- Built real-time database features using Firestore to store job postings and user data.
- Designed responsive UI components with TailwindCSS to ensure seamless use on mobile and desktop.
- Created an intuitive dashboard for recruiters to post jobs and manage applications.
- Integrated role-based access control for job seekers and recruiters.
- Deployed and maintained the app for easy access and performance monitoring.

Technologies Used: ReactJS, Firebase (Authentication + Firestore), TailwindCSS, JavaScript, HTML, CSS

Aboa Vida Nov 2024 - March 2025

Web Developer

- Collaborated with the client to understand branding goals and business requirements.
- Designed a clean, modern UI layout using HTML, CSS, and Bootstrap for responsiveness.
- Developed key sections such as the homepage, about, services, and contact form to enhance user experience.
- Integrated mobile-first design practices for accessibility across all devices.
- Ensured cross-browser compatibility and fast page load times through performance optimization.
- Implemented semantic markup and SEO basics to improve search visibility.
- Deployed the final version of the website on Netlify and provided post-launch support and updates after uploading the app in the actual domain.

Education

Course / Degree	School / University	Grade / Score	Year
Bachelor of Science in Computer Science	University of The People - USA	3.81 out of 4.0	2025
Bachelor of Science in Statistics	Meru University of Science and Technology- Kenya	Second class division	2022

Skills

- HTML / CSS / JavaSript / React is / TailwindCSS / Bootstrap
- Firebase and Appwrite
- Git & Github / Netlift & Vercel
- Responsive Web Design and deployment
- Community skills and Leadership / Teamwork and collaboration

Projects

Job Connect Software

- Built a full-featured international job-matching platform for employers and job seekers.
- Implemented role-based dashboards, multi-step onboarding forms, job posting, live chat, and real-time support using Firebase and Firestore.
- Designed responsive layouts with TailwindCSS and created custom modals, filters, and admin tools.

• Brand Site - Aboa Vidas

Web Developer | HTML, CSS, Bootstrap, JavaScript

- Created a responsive company branding website showcasing modern design and clean UI.
- Developed reusable UI components and ensured mobile responsiveness.

· Portfolio Website

UI Developer | React, TailwindCSS

- Designed and developed a modern personal portfolio to showcase projects, skills, and services.
- Implemented smooth scroll navigation, responsive layouts, testimonials, and a custom blog section.

Languages

English