Sameh Fazli

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SKILLS: JavaScript, Redux, SQL, HTML5, CSS3, Python3, C, TailwindCSS

Tools/Frameworks: Github, Git, Visual Studio Code, NodeJS, React.js, Express, Sequelize, PostgreSQL, SQLAlchemy/Flask

Work Experience:

Code Coach - theCoderSchool Walnut Creek, California, United States · On-site Oct 2023 - Present
(Scratch, Javascript, Python, React, HTML/CSS, and Lua)
- Instructed coding fundamentals using Scratch, JavaScript, Replit, and CSS to young learners, ensuring an engaging and accessible learning experience.
- Managed and guided student projects, emphasizing creativity and problem-solving skills.
- Optimizing coding sessions for efficiency involved applying fundamental programming principles such as utilizing loops and conditional statements effectively.
- Utilized the TCSTracker System for proactive communication with parents regarding student progress. Maintained professional communication with students, parents, and colleagues, contributing to a collaborative learning environment.

PROJECTS

All Vital Transportation   Live Site
This project serves as a vibrant car service in the Bay Area.
(Javascript, HTML/CSS, NodeJS and SCSS)
- Implemented useState in React for state management, enhancing user interactivity.
- Utilized onClick event handlers to enhance button functionality and user engagement.
- Leveraged Node.js to seamlessly integrate front-end and back-end functionalities, optimizing performance and responsiveness of the web platform.
- Spearheaded the development of a transportation company's web platform, employing JavaScript, HTML/CSS, Node.js, and SCSS technologies.
- Demonstrated proficiency in Node.js by integrating and optimizing back-end functionalities for the transportation service, ensuring seamless operation and efficiency.

Pantsy   Live Site | Source
It is an online e-commerce store that focuses on pants shopping.
(Javascript, Python, React, Redux, HTML/CSS, Flask, and NodeJS)
- Developed one of the four CRUD functionalities and utilized backend decorators, blueprints within Flask, and other relevant technologies to ensure efficient and reliable functionality.
- Built a front-end review system that allowed users to leave feedback and rate products, utilizing event listeners and React hooks such as useState and useSelector.
- Developed shopping cart functionality utilizing Flask blueprints and backend decorators to create the "add item to cart" feature, ensuring efficient and reliable functionality.

Sam-Mart   Live Site | Source
A PetSmart clone built with JavaScript, Python, React, Redux, HTML/CSS, Flask, and NodeJS.
- Developed a pet washing service booking system using Flask blueprints and decorators to enhance code modularity and improve maintainability.
- Implemented a front-end review system using React's useState hook
- Implemented a favorite dinosaur feature using React components and state hooks to enhance user engagement.

Mental Wellness Hub   Live Site | Source
A Mental Health website that is built with Javascript, ReactJS, TailwindCSS, and Convex.
- Orchestrated the development of a user-centric interface using JavaScript, TailwindCSS, and ReactJS, focusing on Front-End web Development principles.
- Utilized user personas and journey mapping to identify key touchpoints for interactive elements, tailoring them to meet diverse user needs and preferences.
- Implemented dynamic content loading techniques to ensure a smooth browsing experience, minimizing page reloads and enhancing responsiveness.

EDUCATION

App Academy - Software Development course with a focus on full-stack web development (August 2022-April 2023)
UNIVERSITY OF CALIFORNIA, RIVERSIDE, Bachelor of Science, Computer Science, June 2021
LOS MEDANOS COLLEGE, Associate in Science, Computer Science June 2018