

Reflection on Task 1.3P

I implemented crucial HTML and CSS techniques to structure and style the website. The project consisted the creation of multiple Vue components, where each represented different pages of the portfolio. In the components, I enforced semantic HTML elements to ascertain accessibility and SEO-friendliness. CSS was used to design responsive layouts, manage styling, and create a visually appealing user interface. Media queries were also put in place to make the website adjust gracefully to various screen sizes, ensuring a responsive design.

Vue 3 played a pivotal role in enhancing the interactivity and dynamic nature of the portfolio website. Vue Router was utilized to manage page navigation efficiently, enabling seamless transitions between different sections such as the "About Me," "Education," "Certifications," and "Contact Me" pages. The Vue data and methods were employed for data management and user interactions. Components were leveraged to modularize the code, making it more maintainable and reusable. Key Vue directives like **v-for**, **v-model**, and **v-if** were utilized for efficient data rendering, form handling, and conditional rendering.

A core aspect of this project was the implementation of responsive design principles. CSS Flexbox and Grid layouts were employed for flexible and adaptive page layouts. Media queries were used to adjust the styling and layout based on screen width, ensuring a seamless user experience across various devices. This responsiveness was crucial in making the portfolio accessible to a broader audience.