STDNO: 122790 Bwalley Nicholas.

Introduction

GITHUB LINK

Link: https://github.com/NickBwalley/Personal-Portfolio-Website-122790

NETLIFY LINK

Link: https://nickbwalley-portfolio-website.netlify.app/

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Design Features that I used.

1. HTML: For creating the structure hierarchy and skeleton structure for my website.

2. CSS: Although I opted to use SASS which is an improved version and simpler version to use than CSS. Using SASS provided me to perform nesting and other advanced features that would be quite complex while using CSS. I utilized CSS grid and flexbox for ensuring responsiveness and flexibility across different screen sizes. In addition I used Bootstrap4 also to avoid overusing CSS which writing a simple functionality of button for example; btn btn-primary which gives a button a good design.

3. JavaScript: I used this mostly in my application to make the website look lively and responsive. Also media queries and also setting up the Hamburger icon so that when the user is using a smaller screen it responds appropriately. Also using the React-icon spinner and also the section slider was implemented using this technology.

Challenges that I faced.

1. Connecting contact form to work with my e-mail using JavaScript: I had to perform an intensive search to find out ways on which I can write a JavaScript to perform this functionality but thereafter I found it. I had to use an external API using EmailJS to set up this functionality so that when someone writes me an e-mail then it can be redirected through their API's to my personal e-mail.

2. Ensuring that the website looks and functions well on various devices and screen sizes. Solution: I utilized CSS media queries to apply specific styles based on screen width breakpoints. By testing and iterating, I made adjustments to the layout, font sizes, and images to ensure a seamless experience across different devices.