**Report for my Portfolio website.**

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**Introduction:**

The essential story told by my portfolio site is a forward-looking representation of my professional journey and aspirations as a tech-savvy and badminton coach in 2034. It showcases my skills, experiences, and achievements in the field of computer science, particularly focusing on my evolution as a developer and a tech enthusiast. This site that I designed is to portray a confident, innovative, and adaptable professional who is ready to embrace future challenges and opportunities. The structure of my portfolio site is organized into distinct sections:” Home”, “About”, “Experience”, “Projects,” and “Contact.” This clear, intuitive navigation ensures that users can easily access relevant information about my work and experience not just that it is also responsive for phone users. With this, it would attract potential employers, clients and collaborators who are interested in my technical capabilities, creativity, and professional growth.

**Inspiration:**

Firstly, it would be Josh Comeau 🡪 [joshwcomeau.com](http://joshwcomeau.com/) , his website engages the use of animations and interactive elements influenced me to incorporate subtle animations and transitions to enhance user engagement without overwhelming them. Secondly, it would be Chris Dermody website 🡪 <http://chrisdermody.com/> , I was inspired by his clean and minimalistic layout which he presented as it highlights the importance of content and usability. From his site, I learned the value of whitespace, making content easily digestible. Not just that his website is also responsive even though there are a lot of content. The last website that I am inspired by would be [https://www.esmeraldstudios.com](https://www.esmeraldastudios.com/) made by Enkhamaa. I like this website as it balances the simplicity and personality expression, surrounding designs with whitespace to highlight their work while adding fun graphics, fonts and hover animations to express themselves which make the site very joyful and attracts me to continue looking more detailed.

**Accessibility:**

Firstly, it would be high contrast and legible fonts. My site uses a high-contrast color scheme and clear, readable fonts to aid users with visual impairments as to ensure that they could see clearly when using my website. Secondly, it would be the keyboard navigation, all interactive elements on my site (buttons, links, and form fields) are accessible via keyboard navigation, supporting users who cannot use mouse. Provide a visible focus indicator (like an outline) when elements are focused. I also use logical tab order to ensure users can navigate through the content in a coherent way. Lastly, it would be alt text for images, every image on the site includes descriptive alt text, allowing screen readers to convey the content of the images to visually impaired users.

**Usability**

For the usability of the website, I have made the design of my portfolio website responsive. The site is fully responsive, providing an optimal viewing experience across various devices, including desktops, tablets and smartphones as shown in the wireframe below on how it would look like on a phone or desktop. Secondly, I have made the navigation menu such as the “Home”, “About”, “Experience”, “Project” and “Contact” easy to use as I have label it clearly for each section which also make it intuitive. With this, it allows users to find the information they need quickly. Lastly, my website has a consistent layout where each page has a consistent design style, making the user experience predictable and reducing cognitive load. In conclusion, this allows users to have a good usability towards my website and would feel a sense of security when using it.

**Learning**

While creating my portfolio website I have learnt many great skills but these 3 things that I learnt have impact me or will be good in the future use if I am creating a website. Firstly, it would be CSS flexbox and grid with flexbox, it helps me to create a responsive layout, ensuring the site looks good on all devices. I achieved this by following online tutorials and experimenting with different layouts. Not just that, with the help of W3Schools it taught me different method of flexbox and grid that you can mix and match. Secondly, it would be learning how to make my own website responsive, so it adapts seamlessly to different screen sizes and devices. With the help of media queries in CSS, flexible grid layouts, and relative units like percentages, em, and rem. I also explored CSS Grid and practiced using tools like Chrome DevTools to test and adjust the layout across different breakpoints. Lastly, would be JavaScript to add interactive elements to your website, such as animations, dynamic content, and form validation. I have explored the JavaScript fundamentals, such as DOM manipulation, event handling and using libraries like jQuery or frameworks like React, however I was told in the instructions to not use React.js, so I have only implemented small features like “typing effect”, create features like “scroll reveal animation” and “header shadow”. However, all these JavaScript implementations has made the website look cleaner and more user-friendly which would benefit me in the upcoming project that I will be doing.

**Evaluation I**

In my opinion, I feel that my website has a very successful user engagement as the interactive elements and subtle animations around the site add dynamism to the site, which keep users engaged while navigating through different sections and it is easy to use very user-friendly. With a good user engagement, it would attract different type of users to view the site which effectively boost your confidence as a person. Secondly, my site has a good visual appearance as with the use of color, typography, and whitespace it creates a visually appealing feels to the users using the site and create a harmonious and engaging design that captures the user’s attention. However, being aesthetically pleasing is just one part to attract users so it must still be functional, accessible, and reflective of my professionalism. The last successful aspects of my site would be it is highly responsive, offering a seamless experience across different devices and screen sizes, which is crucial in today’s world as many users have different type of devices, we cannot just make it look nice on desktop but also phone, tablets etc. In a nutshell, these are what I feel that are the successful aspects on my site.

**Evaluation II**

However, my website is not fully excellent there are still room for improvement for some other areas such as firstly, the accessibility enhancements I could further enhance accessibility by adding more features like voice commands or a light/dark mode selection. Implementing these changes would involve additional research into accessibility tools and settings. Secondly, it would be the content quality maybe I can enhance the quality and relevance of the content on my own website by writing concise, engaging and audience-focused content. Maybe use a friendly, professional tone that aligns with your brand. Regularly update your content to keep it fresh and relevant, and break up long paragraphs with headings, bullet points, or visuals to make it more digestible. Lastly, maybe I could like gather user feedback and iterate on the design such as like maybe I could add a feedback form or use user surveys to understand what visitors like or dislike about my own site. With this feedback, I can continuously make improvements and updates on my own site.

**Resources**

When doing the portfolio website, I used two types of information sources, “W3Schools” and “MDN Web Docs” to have some reference on my website as both shows me quick examples and explanations of various HTML, CSS, and JavaScript concepts.

While for libraries, I used Typed.js and jQuery. jQuery is used to simplify JavaScript code for DOM manipulation, event handling, and AJAX requests and for Typed.js it is used for the typing animation effect on my homepage to create dynamic text effects.

For Plugins I have use the AOS (Animate on Scroll) to add some smooth scroll animations to elements when they come into view and google fonts to ensure a consistent and appealing visual presentation towards the website. While for those images that is inside my website I used “Pexels” as the image has higher-quality and is free-to-use too.

For tools, I used “Visual Studio Code” to code my website as it is the primary code editor used for writing and managing HTML, CSS, and JavaScript code. I also used the browser developer tools for debugging and testing code across different browsers and devices to ensure compatibility and responsiveness as making a website the importance is responsiveness. With the help of all these resources I have successfully made a website regarding the future of me in 10 years.

**Appendices**

**Wireframe of the website computer display:**

A screenshot of a computer

Description automatically generated

**Wireframe of the website phone display:**

A screenshot of a phone application

Description automatically generated