

I have build built my website from scratch using HTML and CSS. The portfolio consisted of 5 main pages, the home page (index.html), projects page (project.html), contact page (contact.html), video demonstration page (videoDemo.html) and site report page (sitereport.html). All css uses a grid layout

Design:

To make up the colour theme for the portfolio I used a colour theme generator, after finding a colour theme I liked, I noticed it had a classical website feel. To use this I gave the website pixelated fonts, a smaller aspect ratio for the content in main by using a 'constraint' tag and a old-style background. To make the layouts of the website I used figma, I did this for all pages.

Navigation bar:

For the navigation bar I put it at the top as I felt that is most common, I centred the links to other pages and included a small logo in the left corner. I gave the links a hover effect and sliding bar animation to make them look nicer. For all the animations I used @keyframes.

The home page:

The home page first introduces the portfolio site with 'Shaun Hayden portfolio' this tells the user that they are on the right site. After this it explains that the purpose of the website is to showcase my previous work, it then prompts the user to view the projects. Under this there is a profile picture and description I used a animated line under the 'about me head.

When developing this site I noticed that things would be far apart on wider monitors. To combat this I put everything in the main tag into a constraint tag, it allowed me to give the site a limited aspect ratio.

After finishing this page I ran it through w3c validator:

W3C CSS Validator results for styles.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 4 milliseconds.

The Projects Page:

For the projects page I used a 4 column grid layout to form the layout. I used the CSS from the home page for the to make the title box. The page also features project cards, this allows the user to find the projects easier, if they want to see more details they can click the more details button. After completing this page I ran it through w3c validator:

W3C CSS Validator results for project.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 7 milliseconds.

The Contact page:

The contacts page includes my information on the left side (name, email, socials ect). On the right side there is a form that launches the users email app, they can fill out the form with there email, subject and message and this is translated into the email client. After completing this page I ran it though 23c validator:

W3C CSS Validator results for contact.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 5 milliseconds.

The video demonstration and site report:

Both these sites use the same CSS and have a simple layout, they both feature a title and a container for the information (YouTube video for the video demonstration and the site report for the site report). After completing both the pages I ran them through w3c validator:

W3C CSS Validator results for videoDemo.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

Video demonstration:

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 4 milliseconds.

Site report:

Document checking completed. No errors or warnings to show.

Used the HTML parser.

Total execution time 4 milliseconds.

Video demonstration link :

<https://www.youtube.com/watch?v=0ZMv9ifVh1k>