

Portfolio Design Document

Colour palette and rationale

At first, I tried a light colour scheme with white and blue, but I thought darker colours would make my work stand out more. I did still want a splash of colour to highlight buttons and the nav, I settled with green because it was eye catching but not so much as to distract from the content. I also tried a combo of green and pink, but it was too much, so I just kept the green.

Font choices and justification.

I chose to use a very geometric font “tilt warp” for the headings as it was very legible and bold which was heavily contrasted by the serif “Alegreya” font. I chose to keep the nav headings noticeably big on both mobile and desktop, so they stand out from the text, same for the buttons.

Layout grid and structure.

The home and contact have similar structure being split into two sides of content on desktop on mobile these sides split into one column to fit the portrait format more.

The project pages all have the same layout, under the nav I added a bit about each topic and my experience this is centred on the middle 40% behind it is vector pen swoosh that leads the eye down to the below content. Under this there is a nav to navigate to different areas of the broader area like web and game programming this makes it easy to find what you are looking for at creates a clear separation from the above content. Then the main content is made up of expandable images in a flex box of varying sizes to fit their aspect ratio. When clicked on it expands to show more information in another two-sided flex box, showing more images and relevant links. On mobile these images are all stacked in one column and when the images are clicked the space expands below to show more information.

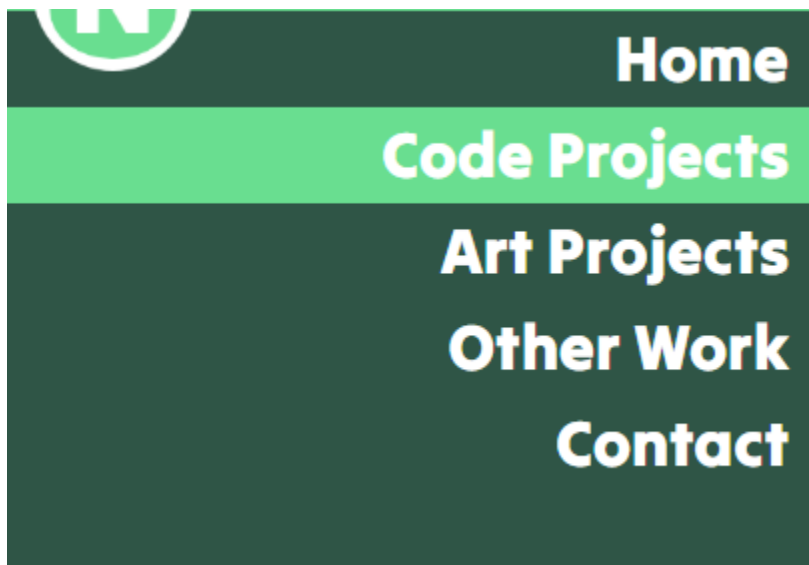
Below this is the footer, in the footer I have links to all the pages and links to my socials this is centred with the nav above my socials. This is at the bottom of every page on mobile and desktop.

Navigation design and user flow

On the home page it is clear where to see my work because of the big nav text, also on the nav I push for people to contact me if they have any inquiries with a button under the text. If the user scrolls to the bottom of the text they can also quickly navigate with the links on the footer. When on one of the work portfolio pages they first see the text telling them to check out the page and about my experience and can see a glimpse of the content below pulling them to scroll down, next they see a nav to see different content on the page with a dark different background the highlights the options even more. Once they scroll down they can again use the footer to navigate and also can see my socials if they are now interested in contacted me. Also I ask for them to contact me at the bottom of the text.

Accessibility considerations

The dark background and with light text with large bold headings are easily readable. However, I think the light green background on the nav paired with the white text hard to make out for some, that is another reason I made the nav text noticeably big and mobile made the backgrounds dark for the pages you're not on to make them even more legible



On nearly all the images I have alt text describing the content.

Semantic HTML usage and its benefits

I used main to outline main content along with section for smaller parts on the page like the expandable images I also used aside and article for text where I saw fit. This makes it much more navigable for screen readers and also makes it easier to read and work on.

Compliance with web development standards (e.g., W3C standards)

At first I wrongly used classes and ids using ids when I should have used class but I tried to rectify that as much as possible and I also used 100% inside many img tags which is incorrect and I should have used w3c from an earlier point of development to catch this as I made this mistake all over the website.

Use of Large language Models

I used chat gpt 3.5 to help clean up my css link to chat including prompts and replies
<https://chat.openai.com/share/3cb11bbb-65cd-4a86-9cb7-85908cd9f7fd>