

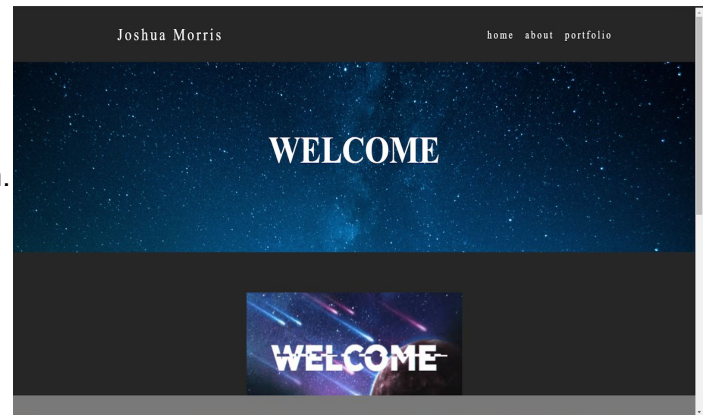
Introduction

In this assignment, I was tasked with creating a website portfolio using HTML, CSS, and javascript. Before I began I needed to think about what I wanted my portfolio to be and needed to consider how I would reach the minimum requirement before I moved on to more advanced dynamics. The requirements that needed to be considered were to have three different pages to navigate between, one image and text on each page (this is the minimum), a consistent header and footer on each page, and lastly an external CSS file.

HomePage:

Starting with the homepage, when designing my website I made sure that the theme stayed the same. I did this by making sure that the website uses the colour combinations that fitted with the theme. This also makes the page look more aesthetically pleasing to the visitor and makes sure that the page doesn't confuse the visitors with too much information.

When the user first enters the website they will be welcomed with text that appears right in front of them. Followed up by a gif when they scroll down. Another thing I considered when they first see the page is that the theme had to be made clear, and I believe I have done that with the background. Another design I implemented was a collapsing banner. This work when the user scrolls, the banner disappears giving more space to add to the page. I researched how to develop my webpage like this from "How to make a fixed navigation bar using HTML and CSS". This research helped to create a website that I initially planned to make.



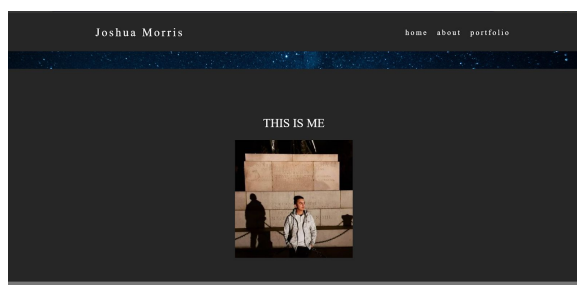
To make the website as a whole more user friendly I had to consider how they would navigate the page. My aim here was to make the text as clear as possible by having to contrast colours between the text and the background. The second style I considered was to have a clear navigation bar. This allows users to find what they need easily.



One of the problems I had to overcome during this phase was the positioning for the footer. The problem was that I couldn't manage to get it the footer to the bottom of the page. I fixed that with the help of a video (Keeping Footer at the Bottom of the Page).

About page:

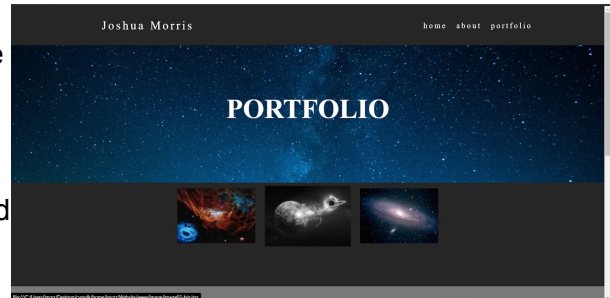
The second page of my portfolio was the about me section. It is a simple design showing what I look like. I added a picture of myself to the webpage as a way of the users getting to know who I am, while also not giving people too much information. All the webpages have my name in the top corner also, also a way of the user getting to know me.



A problem I had to overcome was getting the positioning of the image to where I wanted it to be. This can be challenging since the smallest mistake can cause other bits of code to stop working. I spent a lot of time looking for small mistakes in my HTML and CSS script. This varied from typing things into the wrong locations to missing full stops. One way I overcame this problem was by downloading a program called visual studios. The benefit of having this program is that it auto-fills parts of code in that you might happen to have forgotten if you didn't have the software. This also helped me speed up how quickly I typed to code in.

Portfolio page:

The final page of my website is the portfolio page. This is the page where all of the images I chose were placed. What I like about the page is that the images are lined up clearly for the user to see. Also if the user hovers over the image it becomes grayscale. I did this to show the user that the photo can be clicked on. once the user clicks on the photo they will be able to see a larger version of the image they selected. I also researched how to make this before I started to achieve the outcome I wanted for my portfolio.



A problem I had when making the images larger is that the user has to click the back navigation bar when they want to go back to the previous scene. This was not ideal for the user and not what I had planned for when creating the webpage.

When I was designing my website I also planned to add page transitions to it. However, I did not end up doing this. The reason for that was because I couldn't get the feature running and therefore I chose to remove it.

Conclusion:

Based on what I have talked about, there are a few things I wish to add in the future so that the website is to the standard that I want it to be at. One of the weaknesses of my website is the lack of javascript. I consider this a problem since some of the features I could have added would have made my page look more professional and shows off my abilities more that it currently does. If I could change the website I would add a slide show to the welcome page. The reason for this is it gives the viewers a preview of what the website and I have to offer. I would also fix the problem with the larger image on the portfolio page so that there is a back button for the user.

One of the things I got right with the webpage is the colour theme that matches the theme of the website itself. What I like the most about it is that it looks professional and when the visitor comes to the site, it will attract them and make them want to stay and see what else it has to offer. Based on this I can see that my website can be improved however it also has good qualities to it.

Node js tutorial:

<https://www.youtube.com/watch?v=VShtPwEkDD0>

Keeping Footer at the Bottom of the Page:

https://www.youtube.com/watch?v=US_3XvufMLU&t=468s

How to make a fixed navigation bar using HTML and CSS:

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

How To Create Image Gallery Using HTML, CSS:

<https://www.youtube.com/watch?v=TSRtBISvsh4&t=421s>