

Shreshtha Siddhi

Final Project Journal

CS-563 Intro to Web Development

Link to public GitHub Repo: <https://github.com/ssiddhi/ssiddhi.github.io>

Deployed site: <https://ssiddhi.github.io/>

I am thinking about how my website should look, whether multipage or single page. Then I decided to make it a multipage portfolio.

First thing, I started with styling the navbar. I looked for different styling options for the navbar and finally decided on a simple one to implement using CSS. I decided to span it across the top of the webpage as it would be easy for the user to navigate to different sections of the website easily.

Next thing, I started selecting images for my About section and how I should style them. I selected a simple one and gave the image a simple border style. Then I wrote a paragraph for about me section and try to make it simple yet effective.

Now, I worked on the contact form, initially I implemented it using Bootstrap. I struggled with aligning labels and textboxes. After some challenges, I was able to put it and align them together. The next thing which was something to think about was how big my contact form would be. Then I made a form to fit into an entire page.

For the JavaScript functionality, I have added it in context to the form. For input validation, when the user does not provide any input for the labels, an alert shows on the page saying, "some input is required for the form to submit". Also, I have used an alert to show the user the labels which have missing input.

I referred to this link [https://www.w3schools.com/js/js\\_popup.asp](https://www.w3schools.com/js/js_popup.asp) for writing alert messages in my code.

For the responsiveness of my website, I have used Bootstrap.

For the alignment of the elements, I have used a list and sections to align elements one after the other.

I have done some editing for the text alignment and added padding and margins to align images which was a bit of a struggle for me.

The most challenging part was rectifying errors from the code validator. I changed my code a few times to get rid of all the errors.

For accessibility errors, I researched on the internet for solving them and adjusting my code accordingly. A few of the sites that I referred to are :

[https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling\\_text/Styling\\_lists](https://developer.mozilla.org/en-US/docs/Learn/CSS/Styling_text/Styling_lists)

<https://getbootstrap.com/docs/5.1/forms/input-group/>

In the end I removed unnecessary code and CSS from my code and formatted it using Prettier.

Other resources used:

Eloquent Javascript by Marijn Haverbeke, HTML & CSS by Jon Duckett, CS 563 Course channel by Caterina Paun