Project 1 - Static Blog

Working on this blog and being able to flex my front-end muscles was a great learning opportunity for me and I would like to thank my instructor, Bhawna Gunwani and her TA Akash, who have guided me in this course and have been extremely helpful and patient in explaining all concepts so that I may complete this project successfully.

To begin my blog, I realized building a template for all pages would help in keeping the UI consistent between all pages and would make for a good visual experience for users who visit my blog site. So with the help of HTML, CSS and Bootstrap, I built a UI template which consisted of a header and a footer. The header consisted of a navigation bar, which can collapse as the size of the viewport changes. This is fixed to the top. Then I went on the build the page header inside a jumbotron which will hold the website name and its logo. The footer on the other hand is at the bottom of the page and contains few links to the website's terms and conditions and links to different social media pages.

Next I implemented the blog page. This required me to dwell deep into Javascript. It started by first creating the needed input fields to create a blog inside HTML. Then I linked them to the Javascript file 'myscript.js'. The javascript file takes in input from the user, does form validation by making sure the input information is not empty and valid. Further, it goes on to create required DOM nodes in the correct order and in the right format and finally appends this created DOM node in the 'container' node in the 'blog.html' page. This way a visitor in my blog site is able to dynamically make new blog posts.

This is followed by the 'contact.html'. This page is specially designed for visitors of my blog to be able to send me messages or concerns. I built on the same template that I designed before

starting the project. Then, as with the previous page, I first crafted the HTML page and created the needed input fields. Then I created a javascript file 'myscript2.js'. In this file, I extracted and validated the information input from the user, and on successful formatting of that information, I submitted the query to be sent to my backend which is portrayed by a popup window.

Finally I worked on the 'about.html' and 'index.html' which are static pages which I created while working with HTML, Bootstrap and CSS.

The following is the Github URL to my project, which also contains the history of my progress -

https://github.com/domxavier/Blog_Only_Static

A final round of error checking was also done before committing the project one last time.