

Git-hub Link for my work: https://github.com/Mikiyas-STP/mywebsite-adv_creative_coding_proj

My Learning Process and Final Outcome Reflection

What a great lesson for me. Before 4 months I took one online course on coursera on html css and js but this course was structured and helped me by exposing me to real coding experience. Working on the “Miki Habesha cuisine” was rewarding. It allowed me to apply my knowledge of html,css and js while broadening my understanding about responsive design.

Here are some of the most important things i learned during my final project

- Good HTML Structure - This project helped me to solidify my knowledge of semantic html structure by properly nesting my sections and divs.
- I have used good CSS styling by using flexbox for layout, media query for responsiveness, custom styling for my menu section and image/logo items. And incorporate margin,padding and text styles.
- Using Stackoverflow I managed to do some javascript dynamic features such as displaying a random special of the day and handling form submissions. This helped me to understand DOM and event listeners.
- I Implement the criterias of responsive design by using bootstrap grid system and media queries. And it is responsive on all screen sizes.
- Using Bootstrap and Popper for styling and dynamic positioning - This concept was entirely new for me. I used ChatGPT and Bootstrap documentation to implement it without any problem.

My challenges and How i solve them

- My form submission was reloading my page and to solve this I used event.preventDefault() and it successfully displayed a confirmation message without refreshing my page.
- My special of the day script was running before the DOM was loaded. To fix this I wrapped my code inside the DOMContentLoaded event listener. (to make my elements fully accessible).

What i did implement easily

- Bootstrap and custom css made the site polished and clean. This makes my work easier and it helped me to implement colors and styles with the eritrean cuisine theme.
- My site is fully responsive across all devices
- In terms of organising my code in separate html css and js i followed best practices for maintainable code.

What i want to improve in the future:

- Enhance javascript features - adding animation/transition on my special of the day will improve the sight by changing the content smoothly.
- Advanced styling - the page can be improved by using css animation and hover effects.

Generally I feel this project makes my understanding broader and taught me the value of dynamic interactive responsive design. I wish in the future I will broaden my skills and will implement more interactive web sites with javascript.

References:

This are the sources i used while i was working on this project

1. Bootstrap Documentation : <https://getbootstrap.com/docs/5.3/getting-started/introduction/>
2. How to use Flexbox design for nested divs/sections with in html document <https://stackoverflow.com/questions/74537773/understanding-nested-flexbox>
3. Form Submission Handling Using Js
<https://stackoverflow.com/questions/5384712/intercept-a-form-submit-in-javascript-and-prevent-normal-submission>
4. CSS Styling https://www.w3schools.com/html/html_css.asp
5. Youtube Videos : <https://www.youtube.com/watch?v=oj32owVjqYs>
https://www.youtube.com/watch?v=H_sda770AjU (about poppers js)
6. Incase of complicated problems : <https://chatgpt.com/>