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Project Overview

This project involved creating a webpage using just HTML and CSS. The page showcases who I am with 3 main sections including my introduction, my skills, and my recognitions.

Development Tools and Environment

Editors Used:

- Visual Studio Code

Browsers Tested:

- OperaGX
- Firefox

Validation:

- My HTML5 code was validated using the W3C Markup Validation Service and was found to be compliant with no errors.
- My CSS code was validated using the W3C CSS Validation Service and was found to be compliant with no errors.

Development Challenges

Time consuming tasks:

- Developing the design for each section (ideating what I wanted to make)

- Making element sizes fit to most desktop screens. I used vw and vh a lot to maintain linear scaling throughout different device sizes.
 - Although this website does not properly work or look right on Mobile

Detailed Website Description & Inspirations

To properly give credit to inspiration and resources used throughout this site, I want to mention how the font titles including my name are based on a font commonly used throughout the show "Mr Robot" which I really enjoy and think the font is cool. I used google fonts to get this font and imported it in /assets/main.css.

The hero and introduction aren't based on any specific inspiration, I just thought a big picture of me would be funny and a mosaic would look cool since we need some images to pass.

The skills section I actually got inspiration from an old website which cleverly used a table for unique positioning of images. This website was the space jam website from 1996 (Linked Here) and since we needed a table I thought it would be cool to get logo icons and have it spread everywhere like stars almost which brighten on hover. Also the skills and my skill level correlating with it listed alongside the meters were a cool idea which I mostly thought of from another website I have Linked Here (I used a template to create the linked website) since I don't commonly see people actually give a scale on how good they are at particular skills.

By the time I started making the recognitions section I was all out of ideas, so I just settled for making 3 cards showing them off but I wanted to do it a little differently than just a boring old card. So I made cards which are ONLY a preview image of what the recognition is for, then when each card

is hovered, it expands pushing the others aside showing another landscape image of what the recognition was for alongside the title, description, and link for more info. I always thought the idea of having an interactive card to display info was cool but with the animations that came out really good to my surprise, I really like how this turned out even though visually it isn't as cool as the skills section in my opinion.

My footer I think is actually really cool, I saw a similar effect like this in another website when getting inspiration one day about a year ago or so (I don't remember what website it was) where the footer kinda emerges from the bottom of the last section instead of just being another plain scrollable section. When I saw this a year ago I immediately recreated it for a company landing page I was working on at the time and have used it variously since. It's just such a simple yet cool effect that really makes the footer slightly better as opposed to the typical boring that most footers are. In the footer I included many links to some of my other websites as well and links to my friends websites with a little message you can read. Also below the divider I added the typical "Made with ♥ by X" mark that I see on many non-production websites alongside another little easter egg to the bottom right of the screen which says "ssh zachl.tech". This is a reference to my real portfolio which is currently withheld in a TUI environment which you can check out by going to any terminal with ssh installed and an internet connection and typing "ssh zachl.tech". To whoever may be reading this, if you do try that and it works as it's supposed to and you don't mind can you let me know what you thought? I made this before the semester started and I really love the idea of a terminal based portfolio but I wanna see if other people think the same :)

I hope you enjoyed viewing my website and code implementations and I can't wait to work on the next project! Please leave me feedback or reach out to me if you have any comments or questions.

Files Included

For submission, a single zip file containing all necessary files for viewing the webpage in a browser is attached. The zip file includes:

- HTML Files (/): index.html at root
- CSS Files (/assets): utils.css for utility classes, elements.css for element changes, and main.css for custom classes & font imports
- Images (/assets/images): all my PNGs and JPEGs used throughout my webpage
- Icons (/assets/images/icons): all the icon SVGs used. Mostly present in the skills section
- Favicon (/favicon.ico): For the title bar favicon of course.