Web Portfolio - Software Development

Project Report

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WDD - 130 – B6 Web Fundamentals

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Personal Website project for WDD – 130.

Purpose

The purpose of this Web Portfolio is to serve as a replacement for the “traditional” curriculum vitae. My purpose is to have a new, easy, and appealing way of showing who I am and my professional potential.

Audience

This web site is destined to future employers, both now, with my current experience, as in the future when I finish my bachelor’s in software development. These future employers will, most likely, be proficient and knowledgeable in all areas related with software development, making them able of understanding, not only what is written about me, but also, how much effort and skill was put into this web site.

Web Portfolio link

<https://nelsonmonteiro85.github.io/wdd130/webportfolio/index.html>

Goals/Objectives

My goal is to be able to use this web portfolio as a visit card. It is my intention to update and, maybe, upgrade it during my journey as student through software development courses. I will try to apply all my acquired knowledge and my personal and professional experiences, as on any other type of CV. It is my objective that, by the time I need to use it, it shows creativity and innovation.

Design & Development Process

The idea of this web site’s layout started quite different from its current state. By the time I started doing its wireframe, I was divided between 2 different layouts. One of them, needed JavaScript, which I don’t know yet, for the home page. The other one had, what is known as, huge navigation bars. Both great ideas but with very challenging setup, based on my level. After receiving advice from my instructor, I’ve decided to combine both ideas into one of my own, deviating from both JavaScript and the huge navigation bars. This is how I finished the wireframe for all the 3 pages. Another change happened on a later stage when I was laying out the 2nd page. I realised that having 2 groups of 3 images, where on each group, images were displayed in a very “complex” grid layout, was not beneficial. Luckily, during that week, we were required to add a web component and so, I chose to add an automatic slideshow, which replaced the “complex” grid layout. In the end, I believe the website’s layout and its colours work well. After adjusting minor details, with the help of my instructor, I can see that the website matches the wireframe created and achieves its purpose.

Knowledge Gained

Working on the rafting web page gave me the opportunity of learning all the basic tools to create a web site. Was with it that I started having an idea of what it is to create a web site and the basic steps for it. Nevertheless, with no doubt, doing something more personal as this web portfolio, from the scratch myself, was a completely different experience. Creating the personal web site was a very exciting project for me. With it, I was able to reinforce my knowledge from the previous teachings.

I was able to understand better the importance of planning a website while improving my understanding of HTML and CSS vocabulary. It became more obvious the usefulness for HTML and CSS validation. Through try and fail, I could learn better ways of writing HTML but, more importantly, the different way of using “grid”. This is something I still do not master but, nonetheless, is one of the things that gives me more pleasure to do. I was also able to refine and polish simple tasks such as optimizing images or matching fonts and colour schemes.

In the future, as I progress further into my education, I am sure that these new skills will help me during my journey as student.