Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Software Development Skills: Front-End MODULE

LEARNING DIARY

24.08.2022

First thing I have done is watching the intro to GIT video, as I have almost no idea of how git actually works. I created a test folder in order to follow the tutorial while taking some notes for myself as It's really interesting for me. I had some trouble with remote repository as the video is a little bit outdated (it uses login authetication which has been removed from github) I solved this issue in a few minutes searching the error, this is the website that helped me: https://mkyong.com/git/github-keep-asking-for-username-password-when-git-push/#:~:text=The%20main%20reason%20for%20this,to%20SSH%20instead%20of%20HTTPS.

1.9.2022-3.9.2022

I have chosen VS Code as my code editor for this course as I have used it before and I'm pretty used to it. I set up the project folder as well as added some VS Code extensions in order to make coding easier.

I installed npm and also sass with (npm i node-sass) also learned how to use npm scripts and created the sass script. I got familiar with sass css compiler.

I forgot to create the ".gitignore" folder but I managed to create it and make it works.

3.9.2022

I started the project today, and followed successfully the second part of the course. I learned today about sass and the usage of & as well as the usage of @mixin and variables. I knew a little of html and css before the course but today I learned how to select classes and id's in sass, also I did not know how div tag worked but today I checked html documentation of w3sschools, div is basically a container of html elements which will be propperly   styled   after   with   css.

(https://www.w3schools.com/tags/tag_div.ASP#:~:text=The%20tag%20defines%20a,inside%20the%20tag!)

I also had some troubles with the relative path of the images but finally I made throught it. I learnt basics of transitions in css and what ":hover" means. I learnt about rem, em and vh units.

I am using the provided photos by the videos as placeholders which i'll change later.

4.9.2022

Part 3 of the course focuses in the javascript part, this is a new programming language for me, as i have heard about it a few times ago and watched some code but I have never coded in js. JavaScript part was an easy task, i learnt about arrow functions and how do they work in a forEach, also I learnt an interesting part about selecting DOM items with querySelector, which was very useful. I was also looking forward the event listener as i did not knew how did they work.

Last but not least for this part I learnt how to rotate and select child elements in order to create a cross which was pretty interesting. I am about to commit and push my work and keep practising with the sass for a little bit.

5.9.2022-6.9.2022

Today I ended part 4 of the course, which was pretty interesting. At first nothing new was working, then I realised that sass compiler was not running at all. This part of the course was straight forward, I understood how translate3d works, basically when (for example) the branding does not have the class show we translate the menu to the 100% of the y axis, meaning it's not visible at all for the user, and when it is shown we just move it to the original position (0,0,0). I also learnt a pretty cool way to style every element with a class using a for loop in sass which was pretty much the same as for loops in c++.

About the responsiveness I learnt how to create mixin and fill them with content in order to make the code more easy to read. This part ended making the responsiveness of medium devices.

6.9.2022

Part 5 of the course was focused in the about page, I learnt a lot of css here with such an important thing as grid display and how to set it up. I also learnt about scss functions. As I knew a little of HTML before, there was nothing new.

it was quite interesting how the video makes the solved the footer issue changing the height of 100% to a min-height with a substraction of the pixels that the footer uses to the 100vh.

7.9.2022

Today I finished the project adding the work page and the responsiveness for each screen size, today's tutorial was also straight forward, as it was quite similar to last one, however because I copied and pasted a piece of scss I forgot to change the darken function into the lighten but i solved the issue quickly.

I also finished the contact page.

9.9.2022

I did not want to put the branding image (the one which is on the menu) as a see through element, however due to how it is explained and how opacity inheritance to child elements work this was an issue, after searching in stack-overflow and some other pages (https://www.tutorialrepublic.com/faq/css-background-opacity-without-effecting-the-child-elements.php , https://stackoverflow.com/questions/5770341/i-do-not-want-to-inherit-the-child-opacity-from-the-parent-in-css) I decided to use the last link most voted solution, so in stead of setting the see through effect to the whole menu I decided to use the opacity in the menu-nav and in the menu-branding I used the background: rgba($primary-color,0.9); and it worked as expected.

30.9.2022

I added my personal links to twitter, facebook, linkedin and github.

I finally deployed the website in github pages with the following link:

https://joseanton1o.github.io/portfolio

I had some trouble doing it as the main branch was not selected to deploy, i pushed everything in gh-pages branch and it worked, but I prefered to use the main for deployment so i changed it in settings.