Lappeenrannan teknillinen yliopisto

Software Development Skills Front-End, Online course

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LEARNING DIARY, FRONT-END MODULE

Date : 20.11.2023

Activity : Environment setup

Learning outcome: Downloaded all the necessary programs for the course and created a public repository in github.

Date : 25.11.2023

Activity : Watched first video part 1 (Introduction to workflow and sass)

Learning outcome: Learned how to create a project and download sass and how it works with css. Also learned how to deploy a local live server into browser

Date : 27.11.2023

Activity: Watched part 2 (Homepage and Core Sass/CSS)

Learning outcome: Learned how to create an html markup and how to use sass and use variables and nesting.

Date : 02.12.2023

Activity: Watched part 3 (Rotating Menu Button)

Learning outcome: Learned how to add classes and remove them with javascript to make a rotating menu button.

Date : 08.12.2023

Activity: Watched part 4 (Menu Overlay & Responsiveness)

Learning outcome: Learned how to make a menu overlay and mixins for different screen sizes. Also learned to add branding and navigation to the site.

Date : 14.12.2023

Activity: Watched part 5 (Page With CSS Grid)

Learning outcome: Learned how to make a new html page and also how to add grid template areas and map out the layout of the page. Also learned how to make the page responsive.

Date : 15.12.2023

Activity: Watched part 6 and 7 (Work and Contact Pages and Website Deployment) and also added my own details instead of default lorem ipsum.

Learning outcome: Learned more about CSS grid and flexbox and their properties. Also learned how to deploy my website.

LEARNING DIARY

20.11.2023

I checked the general information and looked at what the course has in store. I chose the front-end module because I'm interested in developing websites. I did the Environment setup tab on moodle where i noticed that i have everything already installed. I decided i will use visual studio code for this project

25.11.2023

I watched the part 1 video (Introduction to workflow and sass), where I created a repository and learned how to initialize a project and download all required node modules. I also learned how sass works and how to deploy a live server onto my local machine. I did basic boilerplate for the project. Then I committed and pushed my work to github. Also learned that you can make a .gitignore file where you can determine what you don't want going into github.

27.11.2023

I watched the part 2 video (Homepage and Core Sass/CSS), where I created html elements for the menu, and the main page and added different classes and ids for them. I imported FontAwesome to the project and thus added all the social media icons to the main page. Also I created a javascript file where later i will add javascript. Added core styling to the project with sass. Also I added animations for the icons where they change color when I hover my mouse over it. I added images to the project so its more aesthetic. Also I created a new sass file for the configuration so it's easier to manage. Main thing I learned from this video is how I can import different things like fonts and icons so that the web page looks nicer. Also I learned syntax for sass.

02.12.2023

I watched the part 3 video (Rotating Menu Button), where I created the menu button in the top right corner. First I made a new sass file named _menu.scss, I added styling to the button so it looks aesthetically pleasing. Then with javascript I made it so when you click the menu button, it adds and removes different classes to the elements. After that in sass I added animations so that when you click the menu button, it changes into an X. Main thing I learned from this video is how rotating works with css and scss and also learned a little javascript.

08.12.2023

I watched the part 4 video (Menu Overlay & Responsiveness), where I created the menu overlay when clicking on the stack in the top right corner. I added my own images for portraits instead of the stock ones and then added animations for the menu where the other part comes from the top and the other from the bottom. The left side has my portrait and the right side has the buttons to go to different pages on the website. Then I added a hover effect where if i hover over a button it changes color. After this was working, I made mixins so that the page is scalable to different screen sizes. First I added media queries to _config.scss. Then I made a new file called _mobile.scss where I added the code to scale the objects depending on the screen size.

14.12.2023

I watched the part 5 video (Page With CSS Grid), where I created a new page called about.html and copied the existing index.html into it. Then I modified it to say About me and have information about me. I learned how to use the sass grid template area function to map out where each element goes, which was interesting and super easy. Then I moved the @include mobile to the end of main.scss so that it renders everything else first and then does the queries. I also learned how to use functions in sass so that I can automatically change the color of certain objects when I change the primary color. In about.html I added a bio and 3 job descriptions which I will be filling out later with my own information. This was overall an interesting and fun lesson.

15.12.2023

I watched the part 6 video (Work and Contact Pages) and the part 7 video (Website Deployment), where I created a page for my work and contact information. I used grid templates for the my work page and flexbox for the contact me page. I also made both pages responsive. I also added my own projects into the work.html and also links to the projects. I also added my own bio and work experiences. I added links to my socials on the index.html page as well and changed the secondary color to green as it's my favorite color. I added an animation for the contact page when you hover over the contact information. Then I deployed my website by installing gh-pages, modifying package.json by defining the homepage and adding a script to deploy and then deploying it into github pages. This course was overall very interesting and I liked doing it and learning basic front end.