

Lappeenrannan teknillinen yliopisto
School of Business and Management

Software Development Skills

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LEARNING DIARY - Front-end

LEARNING DIARY

29.11.2022

Started to familiarize myself with course contents and downloaded all the necessary programs. Made sure everything was optimized to have good workflow and made first commit to git. My goals for this course are to learn the basics of what is front end development and the basic tools for it. At this point in time, I'm most interested in front-end or mobile development so this course is something I want to focus on and try to find out if front-end development is for me. I don't have prior experiences with CSS or JavaScript, but I have made websites using HTML 5 before so this will probably be very valuable learning experience. I chose to use GitHub as my version control tool with Git and VS Code as my code editor because I'm very familiar with it.

After this I started to watch the first lesson where the home page was made. Lesson was quite interesting, and I learned mostly new about CSS, and you can clearly see that it's much easier to make good looking webpage with this than only with HTML. I started to get better understanding how the project structure works with webpages and how to utilize CSS to make the webpage feel more alive. After this I committed changes to git to save all the progress made.

01.12.2022

This time I watched the video where menu button is made, and some JavaScript is used to do that. Video was informative and gave good idea how to use JavaScript to make interactive elements. I also watched video from YouTube to better understand the file structure of the project better. When making the menu button I started to see how flexible CSS can be and how you can make custom elements using smaller elements to make them.

Then I watched next video where menu and portrait were made. I got stuck couple of times but after little bit of googling I found solutions for my problems such as the image I was using wasn't fit for the portrait. I learned a lot of new things about CSS, and I think I got better understanding what I can do with it. Lastly in the video I got to do the resizing of elements when windows size is changing which is very important when considering making websites for desktops, laptops and mobile devices.

04.12.2022

I watched the video about CSS grid and made the about page. I feel like this video was very useful as the CSS grid can be used in various ways and it's easy to style your page with it. It was very easy to make the page adapt to different size windows with the grid so I believe this will be useful in the future. After I made the about page, I made my first commit to GitHub.

I also watched the next video where work and contact pages were made. There was really nothing new except using flexbox and not grid, so these were easy tasks. Then I checked that the website works and made my last commit to GitHub.

07.12.2022

I watched the last video and deployed my website. After this I started to think about what project I should do. After pondering about what to do I chose to make sort of blog/photo gallery. This project gives me good way to try many different site layouts and ways to implement functions. I also wanted to make new navigation, so I chose to make navigation bar which transition to similar menu made in course work when window gets small. I also made the home page ready and made first commit to Git.

09.12.2022

I started to make photo collage page where you could display for example trip photos to users. This is made with the course example video "Responsive Image Slideshow". I had couple of problems with the making of slideshow but after some googling and testing I found that tweaking with keyframe values helped to achieve working slide show. After this I made new commit and push to GitHub.

11.12.2022

I had the contact page and blog page left to do. First, I made the contact page, so it works with the navigation bar but didn't change the other structures as I liked the flexbox implementation. Then I started to work with the blog page. I wanted to use the parallax webpage implementation to do this so you could put picture and text related to that. This

gives readers some familiarity with the place you would be talking about in your blog post. After this I made sure everything works and made the last commit to GitHub and deployed the website. In this project I mostly learned more about Sass and how to implement good looking features like navigation bar and slide shows. This course gave me good understanding, what front-end development can be and reassured me that this is something I want to focus more on.

Sources:

Navigation bar:

<https://www.youtube.com/watch?v=tEC4kqzNTnM>

Course material:

<https://www.youtube.com/watch?v=JttTcnidSdQ>

<https://www.youtube.com/watch?v=TzAshjkhFQw>

