

Lappeenranta teknillinen yliopisto
School of Engineering Sciences

Software Development Skills Front-End, Online course

Jussi Juvonen, 0575457

LEARNING DIARY, Front-End MODULE

11.12.2023

I refreshed my memory on Git. I chose VS Code editor since I have used it before. I watched the first video and learned about sass workflow. After the video I setup my git repository and did the first commit.

I watched the second video and learned more about sass and html. I learned that you don't always need to add html elements by using pseudo-elements in sass, which I found interesting. Using pseudo-elements can make the html look cleaner. I created second commit without problems so far.

I Watched the third video and learned more about sass and how to create animations using JavaScript. I also refreshed my memory of how to manipulate DOM items using JavaScript. Third commit went without problems.

12.12.2023

Watched the fourth video and learned about responsive design. I was surprised on how simple it was to create responsive UI for different screen sizes. I also learned more about the use of mixins for responsive design.

I watched the fifth video and learned about styling with grids. Everything covered in the video about grids seemed simple and intuitive. I learned about creating sticky footers that could be also helpful if you decided to create a navigation bar that stays in the top of the screen.

I watched the sixth video and learned more about grids using flexbox. Using flexbox seemed to be slightly more complicated than using template areas that was used in previous videos. I learned a bit more about creating responsive UIs.

After some struggles with git and deployment, I managed to successfully deploy the website. I ended up deleting my old repository and creating a new one that solved the issue I was having.

Started doing the final project. I chose to do a dummy website of a VPN service. The final project will have four different pages: Home, Pricing, Download and About Us.
I Set up my environment and created a navigation bar.

13.12.2023

I created a home page to the VPN service. I used ChatGPT to generate some text about the service, so the page looks cleaner instead of using the same lorem ipsum texts. I used flexbox grid layout for the texts about the service. I created a footer for the site. I Created a git repo for the project. I Created a pricing page with three different options. I used flexbox for it.

I Created the download page which has 5 different download options: Windows, macOS, Linux, Android and iOS. I could not find any icons for macOS or iOS, so I ended up using the apple icon for both. I used grid-template-areas for the layout instead of flexbox. I created similar responsiveness that was shown in the tutorial videos.

I created the About Us page. I used ChatGPT to generate text about the product and some fake customer testimonials.

14.12.2023

I made some small changes to responsiveness on the home and pricing page and successfully deployed my website on GitHub pages.

Sources outside of course material I used for the final code (commented in main.scss):

<https://freefrontend.com/css-pricing-tables/>

https://www.w3schools.com/css/css_navbar.asp

ChatGPT for text generation