Lappeenrannan teknillinen yliopisto

Software Development Skills Front-End, Online course

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LEARNING DIARY, Software Development Skills: Front-End MODULE

**LEARNING DIARY**

**11.9.2025**

Today I started an online studying course on the topic of Front-End development skills. First, I carefully read all the course information and the instructions on how to complete the course. I was familiar with the methods since I’ve done one of these self-study courses before. After taking my time on the instructions, I headed straight to action, creating my own github repository for the course and creating a new project in vscode where I can do the practice exercises. After those were done I started learning with the video provided and created the practice project with all the instructions from the video. Today I learned some basic HTML to get the first buttons and images on the website added. I also learned about different expansions vscode has to offer for front end development to make it easier. I also learned how you can import for example font and images from internet straight to your own index.html file. Overall, I’d say the first day was resourceful and I’m looking forward to learning more about the topic.

**17.9.2025**

Today I worked more on the course assignments project with the video instructions. It was great learning about the absolute basics and core elements that you need on your CSS file to make the web page look nicer. I had done CSS before, but I still learnt some neat tricks, for example how to make flexboxes and own variables for colors to be used later with quicker access. Other than that, today was a bit shorter learning experience, but still very informative which is what I like.

**24.9.2025**

Today I worked more on the buttons & utility classes. Today I learned lot about styling the css and making the front-end look nicer. There was lot of new information about different classes that can be used later to ease your code in the html section which was nice. I also learnt more about how handy the utility classes are and how to make them. Today I also added the images to the front-end to make it look better, this was the first time I’ve added images to my front-end so that was some new information aswell, although it was basic.

**1.10.2025**

Today I worked on the CSS grid & Cards lesson. I learned about grids, what they are and how we can work with them. I learned how to style grids and some great tips for easier coding when touching on multiple things at the same time using the repeat(). I also learned that it matters in which order you have your stuff in the css file, for example when the card class was at the bottom it didn’t change the background color of the other card but when it was moved to more on the top it was activated and worked as it should. The video also gave some great information on how to make the css look simpler in general by making the classes in css have the same header for example all the pricing classes have a .pricing in front of it. Great learning overall today.

**8.10.2025**

Today I did the FAQ elements part of learning. I learned how to make a detailed FAQ section with great user interactions. Today was also the firs time I wrote js for this project which was something new, although I have written js before it was a great refresher on how the things go in js. I learned how to make certain texts and icons appear and disappear when different things are clicked. I learned how to make conditions to css styling. I learned that social media icons have different class of fab instead of fas that I had used for other icons, but there was no clear reason as to why. Then I did a lot of css styling as the weeks before and its essential to have repetitive actions for the learning process as we do here.

**14.10.2025**

Today I worked on the mobile menu & responsiveness of my front end. I learned how to make my website look better and change its display based on how big the screen is. Now it is fully responsive to the change of screen size depending on the pixels the user has while using it. I didn’t know much about these scaling things before so it was all new to me and I learned a lot about scaling your website to mobile devices and other smaller devices. I learned that you could affect multiple classes in css by separating them with comma which is a handy thing when working on multiple classes at the same time. I also had to do some fixing from previous week because the responsiveness was not working as intended, but I quickly found the issue in my code and made it work during this session, it was just an issue how some of the things were not inside the faq content <>. Now the web page is ready to be deployed and looks great overall and everything works as intended inside.

**22.10.2025**

Today I did the website deployment lession and learned how to deploy my website to github pages. I learned everything from the start to the finish about deploying my website including installing the gh pages and modifying the package.json file to include all the useful lines of code to make the deployment smooth. I also added a .gitignore file for my project so I don’t have to commit the many files that came with node\_modules from gh pages download. All in all it was a great learning experience and It’s nice knowing that you can deploy websites in github pages for free.