

Lappeenranta teknillinen yliopisto
School of Business and Management

Software Development Skills Front-End, Online course

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LEARNING DIARY,

I have divided my learning diary journey for seven parts. In every part I tell what important things I learned in every part and what things I liked in the parts.

Introduction to workflow and sass

I began my learning journey by setting up my development environment. I chose VS Code as my code editor for this course because I have liked to use it with coding tasks. I ensured that I have all the necessary tools and configurations in place like npm packages and VS code live server that is very handy tool when developing websites. I also did my first commit for the project, and it went well. The first video was great for understanding the Sass and what you can do with it.

Homepage and Core Sass/CSS

After the second tutorial video I created a HTML markup for the homepage. I also created the core Sass/CSS for the project. I learned how to link for example stylesheet for the project. I also learned how to put in a script tag with source attribute. Box-sizing was important to me because when I understood how to use it was very helpful tool for customization.

Rotating Menu Button

After the third video I learned how to create visually appealing menu button using pure CSS, this was nice to see how different customizations you can do with pure CSS. When adding the Javascript to make the menu button interactive I understand somehow how JS and CSS work together and how dynamic effects can be created. I used CSS transitions to smoothly rotate the menu button into an X shape. This demonstrated the power of CSS animations for enhancing user experience.

Menu Overlay & Responsiveness

After fourth tutorial video I was feeling quite good for understanding the CSS and HTML styling. I developed a menu overlay for the website, allowing users to access navigation links. Understanding how to create and style overlays adds a new dimension to web design. This was not so easy at first try but then I was able to use the old overlays for the base for the new overlays which helped me a lot. Implementing Media query Mixings was difficult for me at first but with help of some YouTube videos I started to understand it.

Page With CSS Grid

After the fifth video the project started to look quite good in my opinion. Adding the grid template columns and grid areas was very handful tool to learn. I understand that Grid template areas are used to map out the layout of the page, providing more clear structure for content placement.

Work and Contact Pages

The sixth part expanded my knowledge of properties of Flexbox, which offers a more streamlined approach to layout design, especially for items within a container.

Website Deployment

In the final part I learned how to deploy my website using GitHub Pages. This is a crucial step in making my project accessible to the others. It was nice feeling to realize that me or someone else can access to this website easily with the url.

For me this learning journey with tutorial videos was incredibly rewarding. I gained a strong foundation in web development, SASS, and responsive design, and I think that I'm now more confident in my ability to create and deploy web projects.