Lappeenrannan teknillinen yliopisto

Software Development Skills Front-End, Online course

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LEARNING DIARY

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**16.1.2025**  
  
I chose this front-end module to deepen my web development skills, especially in creating visually appealing and user-friendly websites. The visual aspect of front-end development interests me. I started the course by reviewing course materials on Moodle and familiarizing myself with the instructions. I selected VS Code as my editor because I was already somewhat familiar with it and had it installed. After this, I started to watch the tutorial video and began creating an example website. Today I learned about setting up the development environment using VS Code, explored responsive design basics, and understood its importance for modern web layouts. I learned to build the homepage’s HTML structure, created core CSS, and learned to use variables and nesting to make stylesheets more organized and flexible.

**17.1.2025**

I continued my front-end development journey by watching more of the tutorial video and taking the next steps in building my project. Following the video’s instructions, I began creating menu buttons and explored its structure and functionality. Tutorial gave me a deeper understanding of how to use HTML and CSS to build interactive elements.

I also learned to style buttons effectively and use utility classes to manipulate their appearance and behavior. Utility classes were a revelation. They simplify styling by allowing quick application of predefined styles to elements, which makes development more efficient and keeps the code cleaner.

**18.1.2025**

I practiced creating more elements for my project, including adding supplementary buttons and styling them consistently. Through this, I strengthened my grasp of using CSS for layout adjustments and enhanced the visual consistency of the website.

**20.-19.1.2025**

I worked on making the website adaptable to different screen sizes. This included optimizing layouts and refining navigation for mobile devices using media queries. It reinforced the importance of designing for accessibility and usability across all platforms. I strengthened my understanding of modern web design principles and tools, particularly focusing on layout, interactivity, and responsiveness.

**27.1.2025**

Today, I worked on adding more pages to my website, such as the About Me, Contact, and CV pages. I searched for tutorials on YouTube to guide me in creating these pages. It was easy to add new pages, and I appreciated how I could reuse the code from the previously created pages and modify it as needed. This made the development process more efficient, and I gained a better understanding of how to structure and link different pages within a website. I also added links to external pages, such as my LinkedIn profile. This was a great opportunity to practice how to link different types of content across the web and ensure proper navigation between my website and other platforms.

I finalized my code by cleaning it up and removing unnecessary parts. This step helped to streamline the website and made the code more organized and efficient. By eliminating redundant elements, I also improved the website's performance and made it easier to maintain in the future.

I wrote a README file to explain the functionality and structure of my website. Additionally, I created a video showcasing how the website works, demonstrating the key features and interactions.