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.

Additionally, 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.