

Lappeenranta teknillinen yliopisto  
School of Business and Management

Software Development Skills

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## **LEARNING DIARY, SOFTWARE DEVELOPMENT SKILLS: FRONT-END MODULE**

**\*\*\*After the module tasklist part 1:**

What I learned:

- I know how to style and apply responsive of the website.
- Project structure about organizing html, css files
- How to install Node environment for coding
- How to install Git
- How to install Visual Studio Code with some useful extensions and understand its use:
  - + Live Server: launch a static website on dev server
  - + Bracket Pair Colorizer: it helps me to identified brackets when coding with different colors
  - + Prettier: code formatter which helps my code look clear and more harmonizing
- Install node-sass and set up using sass in the project

**\*\*\*After the module tasklist part 2:**

What I learned:

- Create the homepage with basic HTML tags
- How to use fontAwesome in the project
- Add core styles to html tags and class names in main.scss
- Use Chrome Tool to check computed properties's styles, check source code of the project
- Create mixins(conditions in mixins), variables in main.scss file

**\*\*\*After the module tasklist part 3:**

What I learned:

- Know how to create pure CSS menu button
- Add the JavaScript-code to handle the rotating of menu button -Learn to use CSS transitions to rotate the button with 3 lines into an X \*\*\****After the module tasklist part 4:***

What I learned:

- Know how to create the menu overlay
- Create mixins for media query to check responsiveness of the menu
- Know how to add branding and navigation to the site

***\*\*\*After the module tasklist part 5:***

What I learned:

- Create function 'set-text-color' in \_config.scss
- Create about page using CSS Grid
- Add grid template areas to map out the layout. -Learn to add Sass styling and make the page responsive

***\*\*\*After the module tasklist part 6:***

What I learned:

- Learn more about CSS grid and CSS Flexbox
- Learn the properties of both layouts (Contact page and Work page)

***\*\*\*After the module tasklist part 7:***

What I learned:

- Know how to deploy your website with Github Pages and Netlify