Lappeenrannan teknillinen yliopisto

LUT UNIVERSITY

Software Development Skills Front-End, Online course

Ramesh Karki

LEARNING DIARY

**Introduction to workflow and sass [Part 1]**

09.02.2023  
  
I checked the YouTube video and created a workspace to start the project. I had already installed VS Code, node.js and git in my computer. Most of the extensions mentioned in the video were also installed earlier. Installed node-sass for the project after initialization of package.json file. Configured script to run the scss compiler and tested whether everything works. Initialized the git repository.

11.9.2018

I have chosen VS Code as my code editor for this course, I learned how to set up addons by googling how to do it. I searched the web for the best addons and chose the best addons that I think fits me best. I started to watch the first part of the example project to understand the technologies better.

I did my second commit but somehow it did not go as I planned. I went to stack overflow and found quite a lot of threads about version control problems. I was able to figure out what was the problem and continued to watch the first part till the end.

**Homepage and Core Sass/CSS [Part 2].**

28.09.2023

The video went through creation of html markup for the homepage which involved setting up the header, main content and other elements. I learned concepts related to Sass like Sass variables, nesting, Rem units for font sizing and hover effect/transitions. The video focuses on using responsive design principles to create a modern day website that looks great on all devices.

**Rotating Menu Button [Part 3]**

**28.09.2023**

The video focuses on integrating javascript and CSS transition to rotate the menu button to ‘X’. CSS properties like transform and translate were used to rotate and reposition the elements on a webpage. I learned how to use javascript to manipulate the DOM elements using querySelector and state variable.

**Menu Overlay & Responsiveness [Part 4]**

**29.09.2023**

Video shows how to implement the menu overlay feature and make the website responsive. I found it quite challenging to understand the principles used in the video related to animation and transformation as well as media queries.

**Page With CSS Grid [Part 5]**

**29.09.2023**

I learned about CSS grid and how to use it to create impressive 2-dimensional website. The concept of grid-template-areas was fascinating to me. Along with that I learned how to style different elements using various CSS properties.

**Work and Contact Pages [Part 6]**

**10.10.2023**

The video discusses implementing work and contact pages using grid and flex properties. Got to learn the usage of grid-template-columns using repeat() method. Also got an overview of grid-gap as well as flex properties like align-items, justify-content, flex-wrap, etc.

**Website Deployment [Part 7]**

**10.10.2023**

I learned the way to deploy static websites in GitHub pages(web hosting site). I had an experience of using netlify and render to host the application, so it was quite straightforward and easy to follow.