Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills Front-End, Online course

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1. LEARNING DIARY, SOFTWARE DEVELOPMENT SKILLS: FRONT-END

08.11.2023

I reviewed the course overview. I picked the frontend module because it seemed like the most interesting project. I attempted to configure my development environment, and I decided to choose VS code editor. I watched the tutorial on how to set up a git repository, but mostly it was just refreshing my memory. I successfully established a git repository and executed my first commit for the project. I started to watch the first part of the example project to understand the technologies better.

While watching the first module I have learnt what is sass and how to use it. I have already known what responsive design looks like, so it wasn’t new to me to know that webpage should be visible in different ways on laptops and mobile devices.

09.11.2023

Today’s plan was to learn how to create the homepage HTML markup. I watched the video tutorial about variables, nesting and more. But also I tried to find another tutorials to find out how the homepage website might look like. After that, I had an idea on the design of my own homepage.

For the logo and other pictures I used images from freepik.com. I managed to create a homepage, but I struggled with responsive menu on mobile devices. Clicking on it wasn’t working. I asked for help on Stackoverflow.

10.11.2023

Somebody on Stackoverflow suggested that I was missing the code to 'capture the click' and then 'open the menu'. I learned that this type of menu is called a "hamburger menu". With a little help from ChatGPT, I finally added some JavaScript code, and now the menu is working. Also, I found some interesting price list design (<https://codepen.io/darkosxrc/pen/QqmKxy>) and I used it in my code, changing it a little bit.

In conclusion, I created homepage with navigation menu and also pages: About, Offer and Contact.

**LEARNING DIARY**

**EXAMPLE STYLE 1**

10.9.2018  
  
I checked the general information and understood the main focus of the course, which is to find my passion as a software developer and create a unique project to represent my skills. I chose frontend module because it was the most interesting project offered. I’ve also tried to set up my environment, but I could not decide which code editor I would like to use. I watched the tutorial on how to set up a git repository, but mostly it was just refreshing my memory. I did my first commit for the project, everything went smoothly after I clicked the banner to watch intro to GIT.

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 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 stackoverflow and found quite many 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.

**EXAMPLE STYLE 2**

10.9.2018

I learned about,

version control, but mostly it was just refreshing my memory. What I learned was…

how to develop as a becoming software professional. I find <something> interesting, because…

how to set up Atom environment with addons. There was one problem that took me a lot of time to solve. The problem was about …

Etc.

**EXAMPLE STYLE 3**

Freeform.

Something else, but reasonable. You must document what you have done, learned and when this have happened.