Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Software Development Skills: Front-End 2022-23

LEARNING DIARY

19.09.2022

First I learned by installing all the modules and setting up the environment. I am somewhat familiar with git, scss and working with vscode, but since it's been over 3 years when I previously did any front-end development it was good to memorise these basic stuffs and learn to setup working site that refreshes on the go, which I haven't used before.

Working with iOS environment at my work it was quite pain in the ass again play with the environmental variables, even when node and other stuff started working after adding that path, but it was still stupid and unnecessary work, which makes the usage of windows environment annyoing. But after setting everything up and creating accounts all is working fine without any tremendous amount of bug fixing or odd dependency problems.

Creating basic site structure helped me to undrestand mixings what I havent used before.

25.09.2022

I created basic structure for the site accoring to the videos and created some visualisations with dark custom background. Then I loaded custom free font and animated body to have some delay before loading in to give more polished look for the site. Then I created config.scss file to store all the variables and mixings.

I made custom animation for a custom font item that looked cool on my design, so I decided not to use tradition triple line navigation button.

26.09.2022

After starting to play with the animation in a navigation I quite excessive amount of time for animating the menu. It worked out pretty good in my opinion and it was not straightly copied from the video even tho it shared some similarities with two menu sections.

27.09.2022.

After finishing animated navigation I had a some idea of a quite darkish themed website that would include alot of occultist stuff and I decided to add animated tarot card that can be flipped. I had no single reason to add that but it felt quite nice idea. After wasting way too much time for that single animation it turned to be really really nice. Card flip is smooth and natural. I used pure css to create that card flip. Base which i used for the card can be found here: https://codepen.io/edeesims/pen/wvpYWW

27.09 – 15.10

In this time period i created responsive media queries which were little pain, since someone decided to add that huge flippable card. I first though the card should be just hidden in the mobile, since it interfered with that big navigation. But eventually I managed to get it work just fine and it scales nicely. Very happy with that tarot card.

Also i created About me page which didn't include much, just played with grids and used pretty much same style which was in the video. I have held one front-end class for the first year MSc. Students in Åbo akademi where I was talking about the grids and flexboxes so I decided to go with pretty minimun effort here, since I have quite good grip about those anyway.

23.10. – 24.10.

I created My Work page which included also a lot of nice tarot cards. I wanted to add some flipping effects, but then decided to add some cool hover and animation. In this animation it has also very flawless return animation, so it goes back to its original position after mouse leaves the card. Also the glow is pretty and smooth.

After creating some final touches I decided to deploy it, but I couldn't get bitbuckets cloud to work with dist folder structure, so I transferred my project to github. Then everything started to go bad, since all the sass syncing stopped working, which I never could get to update main.css file. After trial and error I basically just made few fixes straight to the main.css file to get all responsiveness to work.