

Lappeenrannan teknillinen yliopisto  
School of Business and Management

Software Development Skills

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**LEARNING DIARY, FRONT-END MODULE**

## **LEARNING DIARY**

**30.08.2022**

Created git repository for course work. Got myself familiar with the course.

**31.08.2022**

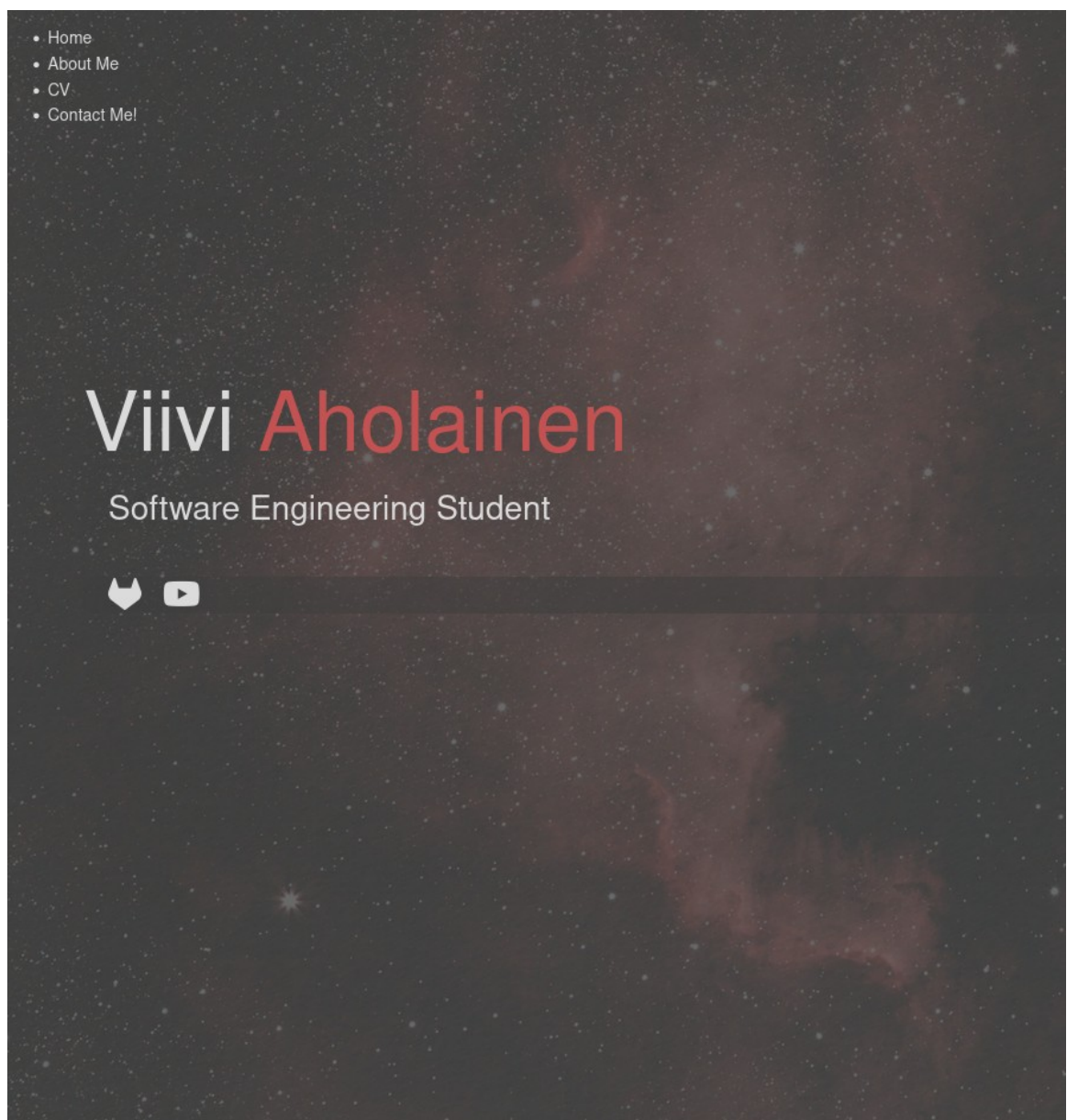
Today I watched the first video and set up my VSCode environment and workflow. Right away I learnt a lot. My previous knowledge about front-end development was the basics of HTML, CSS and JavaScript which were helpful as the tutorial dove right into using Sass. Yesterday as I created the git repository, I thought I would do a different for each video but right away as I started watching the first video, I decided to work on the same project for the whole course. First I'll work on it based on the tutorial videos and then I'll refine it into more personalized final project.

After the first tutorial the website looks quite empty. We have a body and a header with their colors defined in Sass. I'm very excited to learn Sass because just the possibility to define colors at one place and use them as variables seems very useful and fun to work with.

**02.09.2022**

I watched the second video and my website isn't empty anymore. Now it has the basic html for the home page and the menu and styling for the home page. The homepage has a background image, opaque grey overlay on top of that and on top of everything there's headings and icons. I learnt to make icon links, make a nice looking background with image and overlay and how functions and nesting work in scss.

Here's the website after the second video:



**02.09.2022**

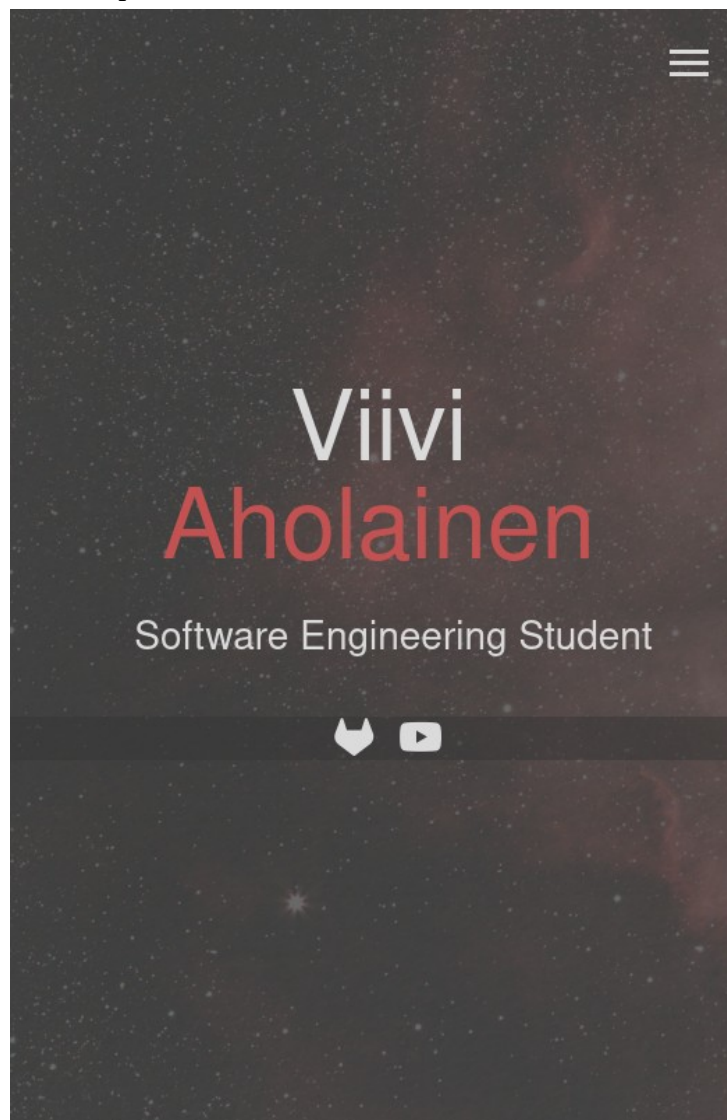
After the third video the visible changes to the website are the menu button how it reacts to a click: by transforming from three lines to an X. The whole button is made with pure CSS which I think is really cool and I wonder what kind of things I could make in the future.

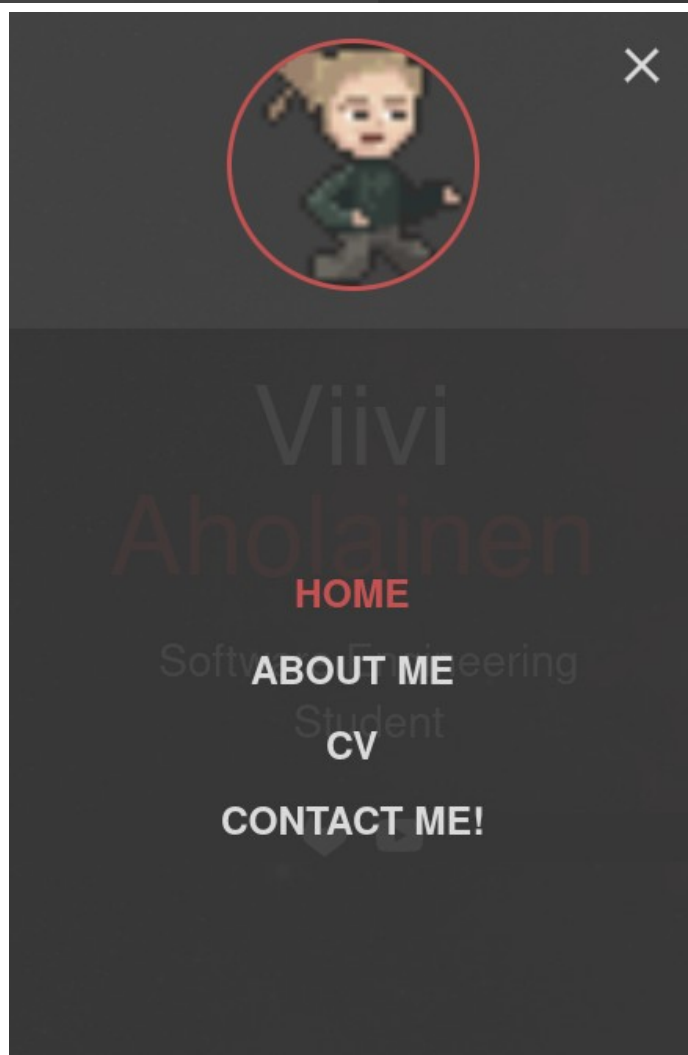
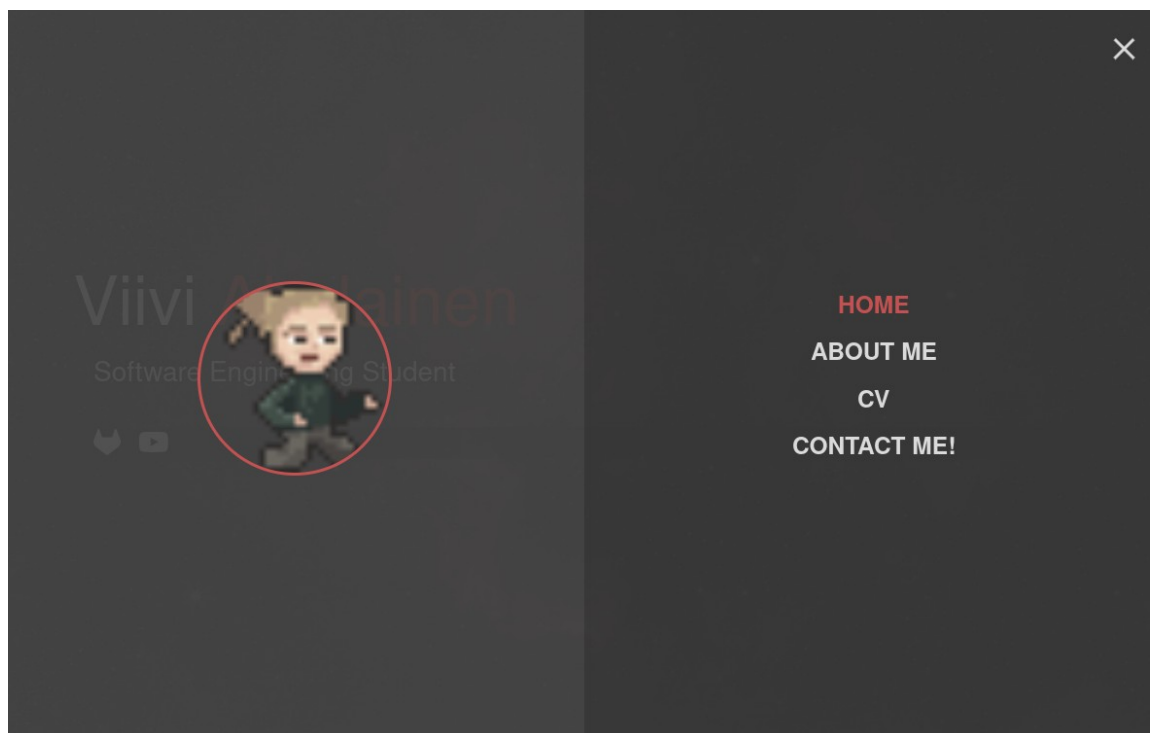


Main things I learnt from this was toggling DOM elements' classes and the transform function of CSS.

**03.09.2022**

After the fourth video, the website now has a working menu and responsiveness. The page adapts to narrower displays. Today I learnt one way to create a menu page and how to make a website more responsive. I also learnt more about transitions.

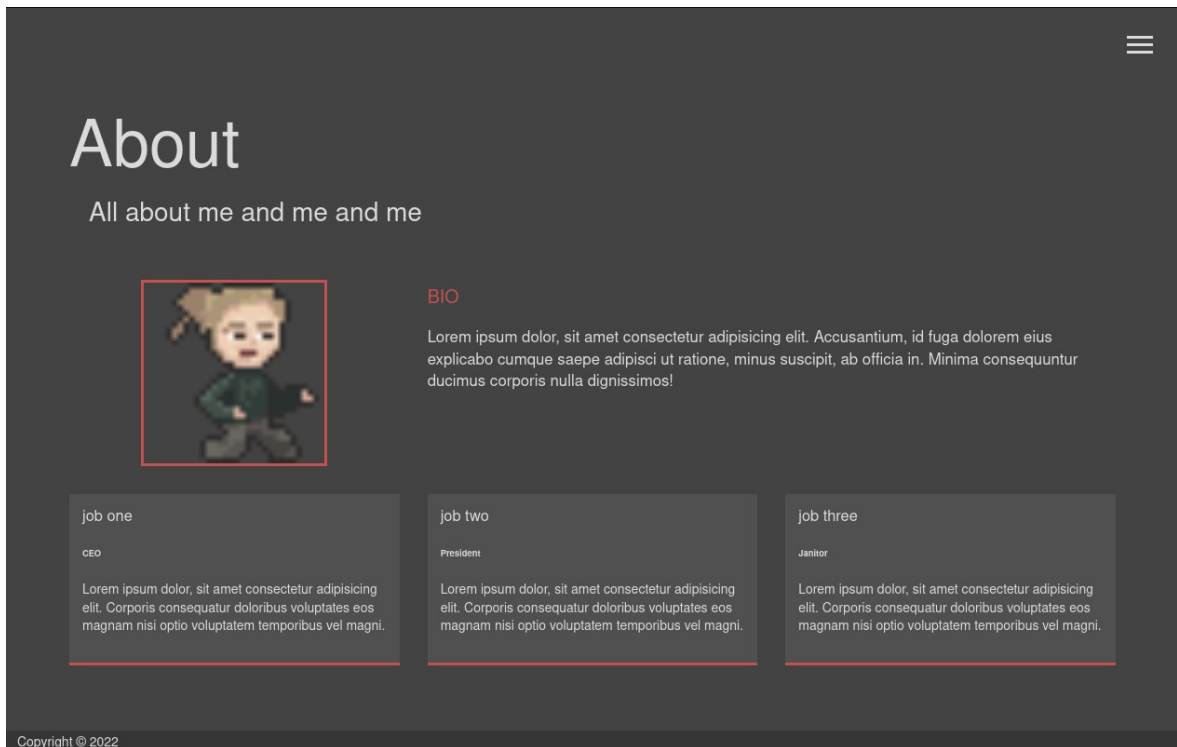




**18.09.2022**

The fifth tutorial was about using CSS grid and with it we made a new page to the website. Now there is an about page with grid layout and a sticky footer. I was somewhat familiar with grid layouts beforehand but I had no idea about the use of grid-template-areas. That is a function I'm very glad to have learnt about because it made everything so simple. I also learnt how to make a sticky footer by adjusting the main elements height. I also found the command `lorem<number of words>` to generate filler text neat and useful.

This is what the about page looks like now on wide and narrow displays:

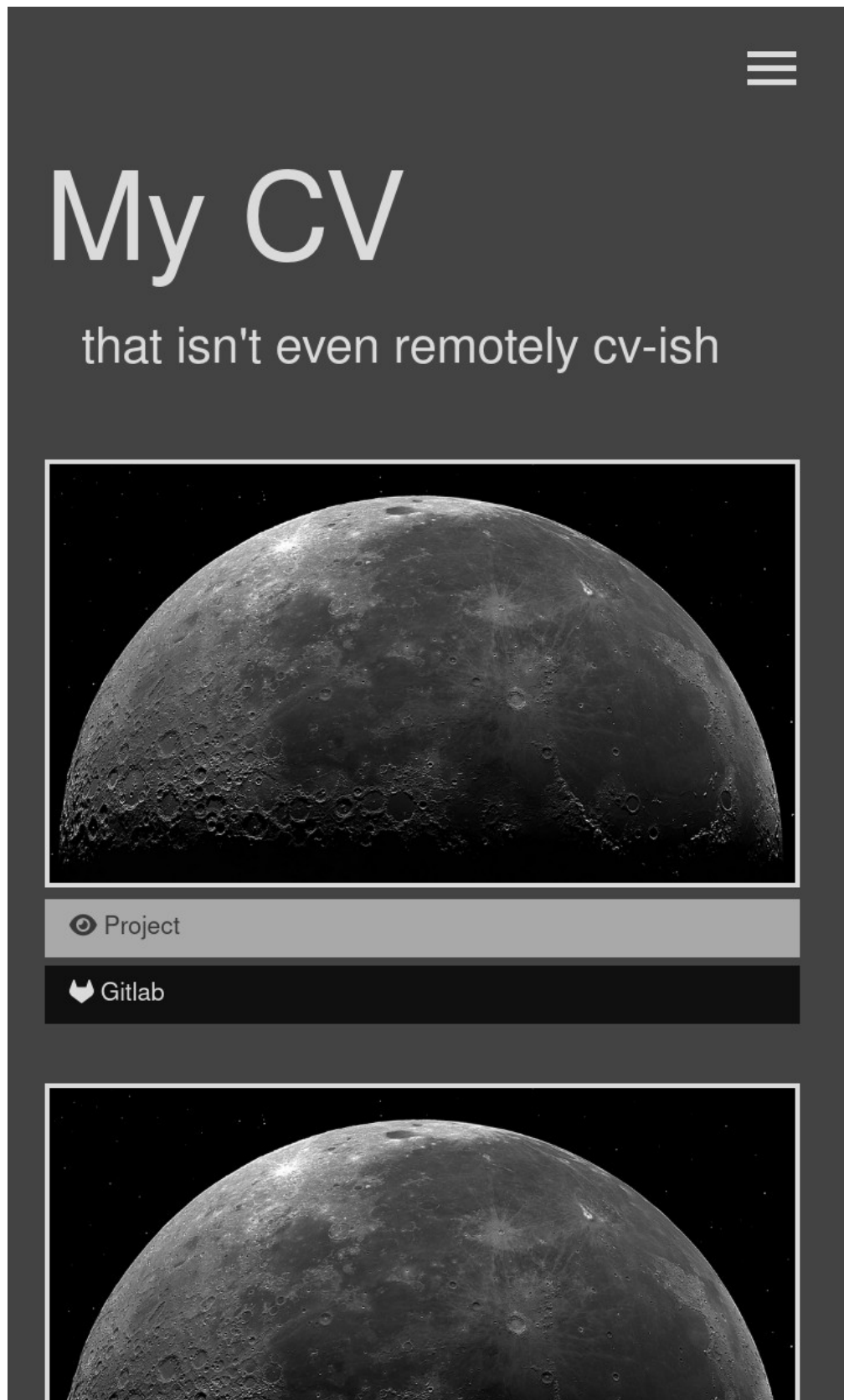




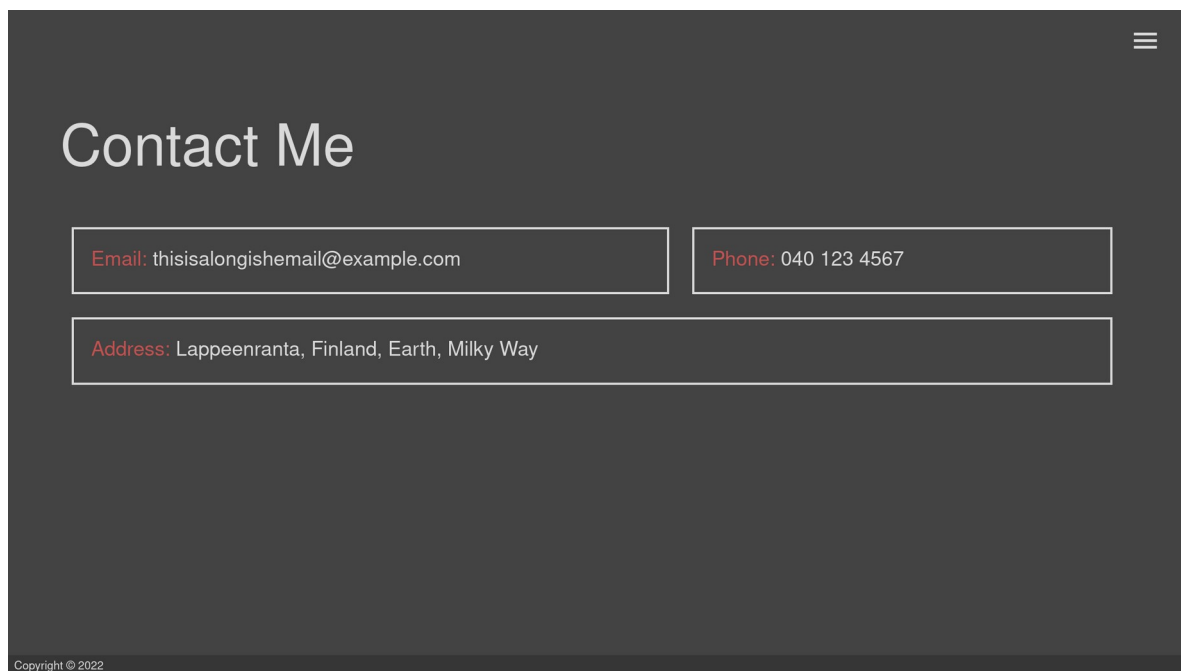
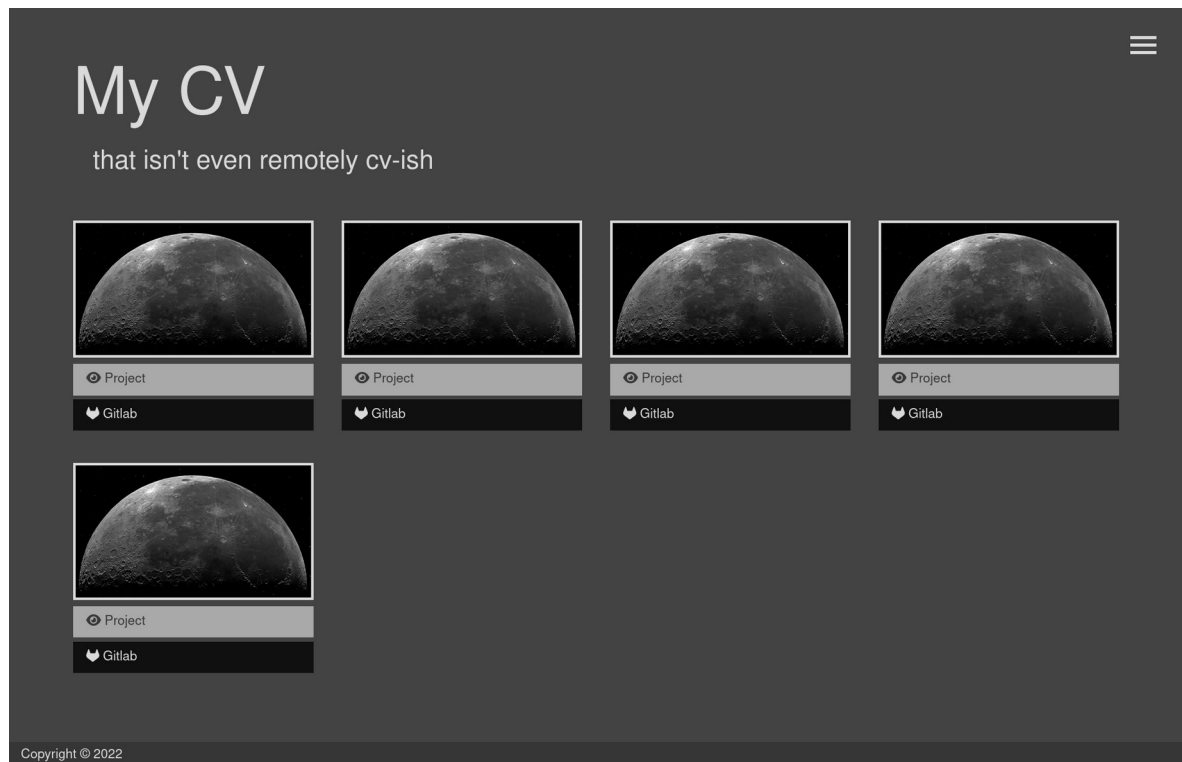
**02.10.2022**

The sixth tutorial was about making pages for the work (or CV on my project) and contact sections. New thing was to use flex layout for the fields in the contact page and inheritance

for the buttons in the CV page. I didn't learn much other than about the inheritance so here's pictures of how the pages turned out. They're basically identical to the tutorial as I found it hard to personalize them as the tutorials are very specific. I'll be making a completely new project for my final project so I can actually make it look more like me and practice my skills.









# Contact Me

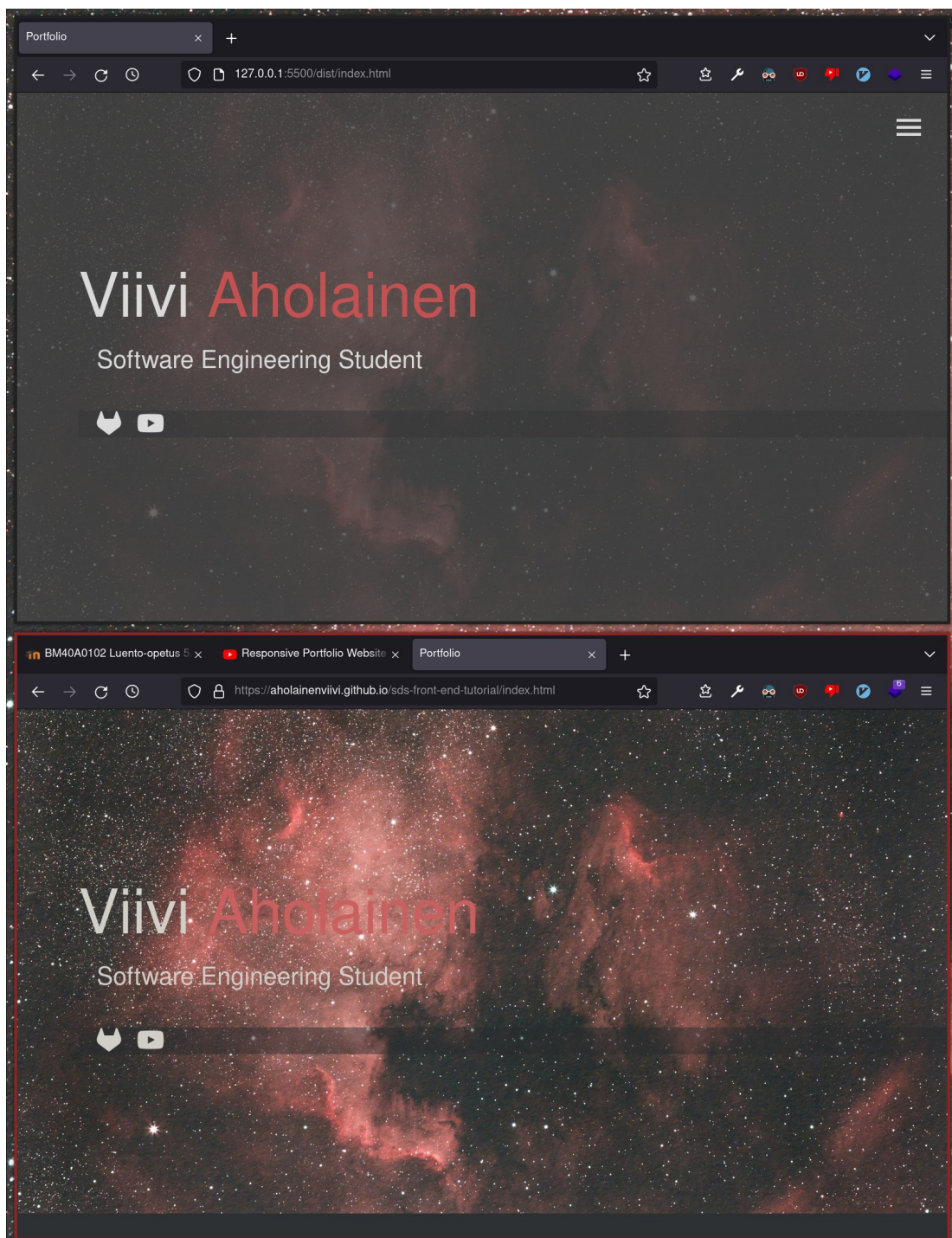
**Email:** thisisalongishemail  
@example.com

**Phone:** 040 123 4567

**Address:** Lappeenranta,  
Finland, Earth, Milky Way

**23.10.2022**

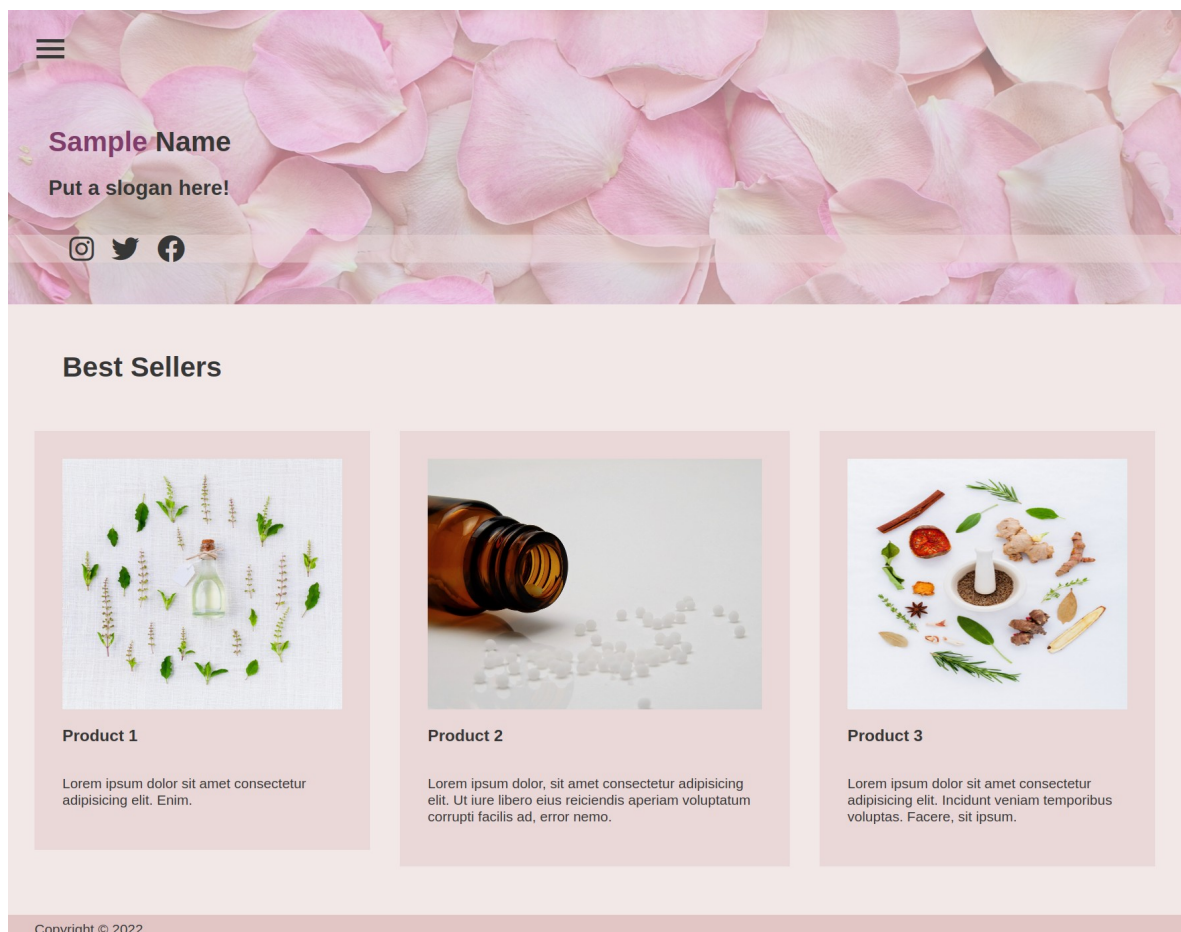
Today I watched the final video of the tutorial about deploying the page to github pages. Something happened and some of the style elements don't work on the deployed page while the live server of the same exact version has no problems (comparison below). I don't feel like figuring out what went wrong as I want to start the final project. Let's hope the deployed page of that works better. The page is deployed to <https://aholainenviivi.github.io/sds-front-end-tutorial/index.html>.



28.10.2022

The deployed page of the tutorial work started to magically work! And so does the deployed page of my project. As the final project I decided to make a start for an imaginary shop. The page has a home page with a banner on top of the page and a view of the shop's best selling products. The page has a menu that can be opened with the button on the top-left-corner of the screen. The menu contains navigation of the website. Other pages don't have any content other than the same banner as the home screen. To make the page I've used flex and grid displays. There's some transitions and hovers on elements and clicks. The page somewhat responds to screen size but it does so very poorly and the images stretch even though they're not meant to do that. The website is deployed to <https://aholainenviivi.github.io/sds-front-end-project/>.

I'm very much not proud of my work but I think with more work the website might turn out okay. Trying to figure out what was happening in the code I wrote based on the tutorial was a lot harder than I thought it would be. That work isn't going to happen, but it's a nice thought. Overall the course has been informative and also made me realize how difficult front-end development can be.







**Sample Name**

**Put a slogan here!**



## Best Sellers



### Product 1

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adipisicing elit. Enim.