

## **Software Development Skills Front-End, Online course**

**Name:** Edward Ruben

**Student number:** x121810

### **Learning Diary**

**Date:** 23.01.23

**Activity:** Going through course overview/environment setup. Modules 1 and 2

**Learning outcome:**

I enrolled in the course and went through the course overview and environment setup.

I was already familiar with Git but read it over again to refresh my memory.

I also decided to use VS Code as my code editor as I am already familiar with it and have been using it for a few months.

I went through the first two videos in module 1. Started to learn about sass. I had a bit of trouble getting it up and running because my terminal wasn't configured properly. After a bit of googling and looking on YouTube I managed to fix the issue.

**Date:** 24.01.23

**Activity:** Module 3

**Learning outcome:**

I opened VS Code, and everything was gone. I figured out because I had moved the folder location, so I fixed that up.

Went through module 3 and learnt about creating the rotating menu. I also opened up another instance of VS Code and played around with it a bit trying to learn more about it and changing different parameters.

**Date:** 25.01.23

**Activity:** Module 4

**Learning outcome:**

Went through module four. I'm starting to like SASS and think it makes the code a lot cleaner and easier to navigate. Especially with mixins and using them in conjunction with media queries.

**Date:** 31.01.23

**Activity:** Practicing SASS

**Learning outcome:**

I wanted to get a better understanding of SASS as I had never used it before this course and found it interesting and beneficial. I read up on w3schools and also went through a few YouTube videos to learn the basics. Then I went to some old projects and websites that I had built and redid the CSS using SASS so that I could get a better understanding of how it works.

**Date:** 01.02.23

**Activity:** Trouble shooting and going through Module 5

**Learning outcome:**

Started up VSCode but the project wasn't loading properly. It seemed the SCSS file wouldn't connect properly with the CSS file. I tried troubleshooting on the internet through Stack Overflow and YouTube but I couldn't figure out what was going on. Then I remembered I had installed the sass extension on VSCode so maybe that was causing issues with node. I started a new project file and copied everything over but ran it using the extension rather than the node as I find it more convenient. Everything was working fine again. I went through module 5 and was finding it a lot easier now that I had done some independent research on SASS and had practiced using it.

**Date:** 08.02.23

**Activity:** Trouble shooting and going through Module 6

**Learning outcome:**

I went through module 6 with the video, finishing off the website, adding a 'contact' and 'my work' page. I started on module 7 but for some reason when I try and deploy the website to github pages none of the images and styling are included. I think it's an issue with my links and file pathways. I've had similar issues in the past when deploying websites, so I have to do a bunch of troubleshooting and see if I can fix the problem. It also seems to be taking me to the homepage of the very first thing I deployed on github pages when I click home. So have to try and sort that out too.

**Date:** 09.02.23

**Activity:** Trouble shooting

**Learning outcome:**

Spent a good hour trying to figure out why the css and image files weren't working on github. After a lot of reading and scrolling through stack overflow I found a workaround for the images where I add the repository name to the beginning of the path. Eg.

`/portfolioexercise/img/background.jpeg` instead of `/img/background.jpeg`

I also somehow fixed the css not adding by taking away the forward slash at the start of the pathway.

**Date:** 13.02.23

**Activity:** Starting Project task

**Learning outcome:**

Today I started on the project task. I set up the html, css, scss, and JavaScript pages and began on the landing page. I decided to loosely base it off the idea from the learning task because I want to build myself a portfolio where I can display webpages and webapps that I have built. I liked the design from the one in the videos we followed, but it seemed a bit outdated so I wanted to update the design a bit to make it look a bit more modern. I decided to base my initial design of the sample website we built because it is so different than anything I have previously built and uses different techniques to want to practice these to get better. I managed to get a basic idea of how I wanted the landing page to look but spent a bit too long coming up with colour schemes.

**Date:** 16.02.23

**Activity:** Portfolio and contact

**Learning outcome:**

Created the portfolio and contact page. I decided to lay the portfolio out in a grid with two sections, websites and webapps. I used a grid to style these. For aesthetic reasons I wanted to have three items under each heading. I didn't really have enough work to put in there, so I put a couple of projects that I am still working on. But they are just there for show to make, I will connect the links once they are completed. I also created a form, I had previously learnt how to create forms from w3school and youtube.

**Date:** 25.02.23

**Activity:** Finishing up the website

**Learning outcome:**

I spent today going over all the code and cleaning things up trying to make it cleaner. I also made sure all of the links were linked up and working.

**Date:** 16.03.23

**Activity:** Creating video

**Learning outcome:**

Today I created the video demonstrating the website and talking through it. After about 10000 takes I decided to just go with the last one. Having trouble figuring out where to upload all my work on to moodle.

**Date:** 16.03.23

**Activity:** Final check over and hand in work

**Learning outcome:**

Today I checked over everything and uploaded everything to moodle. In all it has been a good course. I feel I already knew a lot of what was being taught, but it really helped to solidify my knowledge. I also enjoyed learning about SASS and now use it on all of my new projects.