Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

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LEARNING DIARY, Back-End 2020-21 MODULE

**LEARNING DIARY**

3.1.2021  
  
Today I first read the general course information and environment setup. The environment setup was the same as in front end course which I completed before this course. I’m going to use visual studio code and Git as I did in the front end course. The course information was very similar and now I know what I need to do during this course.

I watched the video about REST API concepts and examples after creating a GitHub repository for the content I’m going to create during this course. The video gave me an idea about what is REST API and how it can be used.

I started on the NodeJS crash course and I went through the first hour of the video. So I now have made the reference files and I’ve gotten a basic understanding on how some node modules work. I also created the logger that was mentioned in the video as “homework”. The logger I made creates a file and then logs each log in the file.

While working on the NodeJS crash course I realized that using the modules in NodeJS is very different from the Javascript that I’ve used in the past. In the past I’ve completed a very basic 5ects course on Javascript/html and I feel like that course doesn’t provide much help in Node.

4.1.2021

Today I completed the rest of the NodeJS crash course. The last 30 minutes was considerably more difficult than the first hour. I do think I understood all of the code introduced in the video.

I had some problems when deploying the application to Heroku. These problems were caused because I have all the files in this course in the same directory. I only had to deploy one folder. I managed to solve this problem of mine quickly and everything works now.

Using Heroku was interesting because I’ve never used it before or read about it in depth. I’ve only heard about it briefly. Now I know a little more about Heroku and how it’s used. Heroku really seems like a useful service.

5.1.2021

Today I studied through the MongoDB crash course. The crash course wasn’t hard because I have prior experience from using SQL databases and MongoDB seems to be similar. I can think about uses how MongoDB can be used. MongoDB Atlas also seems like a useful tool to have.

6.1.2021

Today I studied the first 40 minutes of the Express JS crash course. During that time, I didn’t face any real challenges. I think that this far using Express to develop is simpler than using only Node.

The first thing done in the Express JS crash course contained most of the things that were done during the Node JS crash course. The effectiveness this far has amazed me.

9.1.2021

Today I completed the rest of the things included in the Express JS crash course. Those things were the put, delete and post. Also, the basic graphical representation of the data. These things were done in 30 minutes on the video. I used about 50 minutes because there was a lot of information.

I think that the functionality of put, delete and post is amazing, and I really love knowing how it works. Also, I need to be aware of their functionality to complete the project which I have slowly started thinking about.