

Lappeenranta teknillinen yliopisto
School of Business and Management

Software Development Skills

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LEARNING DIARY, FULL-STACK MODULE

LEARNING DIARY

6.7.2022

I went through *Node.js*, *MongoDB*, *Express*, and *Angular* videos. I am familiar with them from prior work, so I didn't do any projects for them, and decided to concentrate on the final project. Revision is always a positive though - there were a couple of points here and there where I'd need to pay attention to, so revision truly came in handy.

7.7.2022

I started the project today with the help of the MEAN video guides. I started off with installing necessary things. I'm using VSCode as my programming environment. I also initialised a GitHub repository to keep track of my work.

8.7.2022

I worked on authentication today. Postman was already familiar to me, but I got a couple of weird errors that needed fixing. Luckily with the help of the Moodle-page and internet I was able to overcome them.

11.7.2022

Today I worked on registration page. To optimise time usage, I used some templates from Bootswatch just like in the videos. Again, there were a couple of errors, but nothing that I couldn't overcome without the help of internet. Good progress so far.

17.7.2022

Today I finished the rest of the tasks: authentication, protected requests, proper login and logout, and auth guard. Following the videos, things are going smoothly. Now, only proper front-end remains. I've planned on doing a simple worktime logger. My original plan was to do a sales tracker, but it was relatively complicated to do considering the scale of the course. I'd decided to keep it simple in

this course, as in prior courses I bit more than I could chew, meaning my projects didn't come out as expected by the time the courses were over.

20.7.2022

Today I started working on the worktime logger features. I started off with routes and schemas and anything related to them using learnt knowledge. I didn't quite get it work yet, but at least there's foundation now.

21.7.2022

Today I continued where I left off yesterday. The app creates a new time log with POST functions properly now. The time logs for a certain user can also be fetched now with a GET function. I decided not to implement a passport authentication for the particular function for sake of simplicity of this project. It would be a good point of improvement though.

23.7.2022

Today I worked on the home page. There isn't much content to put there. The content would change depending on whether a user has logged in or not. I also started working on dashboard, which is known as 'My workhours' on the app. It should fetch data and filter it, but I haven't gotten it to work yet. As of now, the main obstacle is to get the component fetch correct data.

25.7.2022

The dashboard is partly done now. I completed a form for adding a new workhour log. In the final version of the app, it would either be a pop-up or a small 'row' on top of the logged entries. There were some problems with CORS or something when creating an entry with the app. I'm currently investigating it.

26.7.2022

I fixed the workhour logging component. It was due to a small typo. I used quite a few hours on it, but it finally works at least. Enough work for today.

27.7.2022

Today I worked on the front-end of the dashboard. It is quite rudimentary, but gets the job done. Only thing left is to get it to show all the data.

3.8.2022

Until today I've been scratching my head on fetching all the logs from database. In theory it should've worked, but the console didn't show any of the entries. Turns out I logged the wrong thing, and now It shows everything as I wanted to. Now I just need to work on handling the data.

16.8.2022

After having a break for a couple of weeks, I used this whole day for finishing this project. It works now as desired, though there could be a couple more features, such as deleting an entry and other minor improvements. However, I am satisfied enough of the current iteration to submit this assignment. I might improve the app in the future though.