Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills

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LEARNING DIARY, SOFTWARE DEVELOPMENT SKILLS: FULLSTACK 2021-22 MODULE

LEARNING DIARY

18/03/2022

I started the course by setting up my environment. I chose VS Code to use for this course. I started learning NodeJS. I learned about what NodeJS is in theoretically. I'm glad that I know more, understand more about it.

20/03/2022

I don't know much about class, I found it a bit confusing at first. But the more I read and listen, the more I understand it. I liked how it is passing variable. I learned about __dirname, __filename which are very useful. I also learned about many modules such as fs, path, url, os, event, http.

21/03/2022

It's very nice to learn how to start a server without expressJS. The course was very details and gave many examples for me to deeply understand. I'm glad that I can review the command on how to deploy an app to Heroku.

22/03/2022

Today, I started learning about mongoDB. I have used mongoDB before, but mostly using mongoDB Atlas for its database. But now I downloaded the community server and use mongo shell to access mongoDB. I learned that using command in mongosh is very useful. I knew how more command like sort(), limit(), and update without rewriting the database with $set operator.

24/03/2022

Today, I learned about ExpressJS. I have used it before when I was doing my project, so I believe that I know quite much about Express. I started by learning the definition and why using Express. Then, I learned how to log the url to the console through logger middleware whenever we call api methods. I also learned about express handlebars

25/03/2022

Today, I watched some videos about Angular and read documentation. I have learned some basic Angular before, so I don't take too much time to understand the concept and how Angular works.

26/03/2022

Today, I started doing the MEAN project. First, I created backend for MEAN project. The instruction videos on Youtube were uploaded 5 years ago so there were some changes in the code. Mainly I was downloading dependencies, connecting to mongoDB, creating routes for users, config files, …

28/03/2022

First, I kept learning and doing with backend side with authentication. I got stuck sometimes because the material was few years old, I had to install new dependencies to run the code smoothly. Then I installed Angular. But it had a lot of problems, as the course instruction says, I changed the node version, reinstalled angular. Then I created the home and register page with bootstrap.

29/03/2022

Today, I started doing with Authenticate Service and making Login, Logout pages. I have to reinstall flash message to older version in order to run the project. Then, I have to create a guard folder for authentication guard, modify our dashboard, profile and navbar files. After finishing that, I run command build. Lastly, I deployed application to Heroku.

30/03/2022

Today, I recorded a video for the project, wrote README file then uploaded to Github.