

Lappeenranta teknillinen yliopisto
School of Business and Management

Software Development Skills

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LEARNING DIARY, BACK-END MODULE

LEARNING DIARY

14.4.2021

The course general information is quite clear and after reading it I understood how this course work. I've already familiar with the front-end so I think it would be nice to explore the back-end. During the time I study front-end and practice the skill on different projects. There were many times I used some back-end technologies but I didn't really understand how the back-end works. Therefore, this course is a really nice chance to learn it.

Since I've already familiar with the front-end, I already have VSCode set up and Git installed. It's interesting to get to know Bitbucket as well but I think I'm more comfortable with Git Bash and Github for my workflow.

I learned a lot from the "REST API concepts and examples" video. Getting to know big companies' APIs is important to work on the back-end. I knew already about Postman and I installed Postman on my computer but I didn't know that they have it as a Chrome extension.

18.4.2021

Today I start learning NodeJS module. I've learned a NodeJS course already from Metropolia UAS. In that course, I got a chance to practice this skill with multiple projects. However, since I've learned it quite a long time ago, I have forgotten some crucial things. The video included in the module is really helpful and I've refreshed the NodeJS knowledge quite a lot.

19.04.2021

I learn MongoDB today. I used to use SQLite for accessing database when I work with Java. Since it's a relational database, it's now more interesting to have a close look at MongoDB, which is a non-relational database. Although the tutorial video only stopped at guiding how to use MongoDB, it's pretty cool to see everything in

action. I really appreciate that they have the compass. It could be pretty difficult for me to navigate around without that since I'm a new user and I'm not really good with the commands yet.

20.04.2021

I've already known ExpressJS but it's just basic knowledge. I used to use it "blindly" without knowing much about it to code some projects. Now it's much better to learn how to actually write the codes with some level of understanding.

I've checked the example video about REST API project also today. This is really nice to get an overview how to connect all of the previous technologies together.

21.04.2021

I've finished the project today but I'm thinking what I should add to make this project more concrete. The first thing comes to mind would be adding quite detailed README.md file. If I upload this project to Github as a public repository, I think adding README file would be a good idea to at least describe what's this project is about and how to get the project run.

I've added testing feature also using Mocha, Chai and Chai Http. I think in most of the projects especially backend ones, unit testing is really important.