Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills

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LEARNING DIARY, FULL-STACK MODULE

**LEARNING DIARY**

20.9.2022  
I have watched the first course video tutorial, Node.js Crash Course. Before it, I had no idea of what Node.js was, but now I’m more confident about it and I have learned how to use it to run JavaScript directly on the command line or to run previously made JS scripts. To make these scripts I have chosen Atom text editor, because I like its flexibility and lightness in comparison to Visual Studio Code.

I have followed the video to make a reference folder with ready-to-use examples of different Node.js modules and to make a simple local server to load different kinds of files. Finally, I have made an account in Heroku and downloaded its CLI to deploy my server in their page using git.

3.11.2022  
I have watched the second course video tutorial, MongoDB Crash Course. I learned how to install MongoDB on my computer and its Shell and Compass applications. I made some entries in a test database and learnt some commands to sort, search and edit them. I also make an account in MongoDB Atlas to make a database in the cloud.

8.11.2022

I have completed the Express JS crash course and built a server using Express JS. I lean how to make requests to an API using Postman to add, remove, or edit data. In the process, I learned about what middleware is and how does it work. I have also made a little example webpage to display this data using handlebars and templates.