Lappeenrannan teknillinen yliopisto

School of Business and Management

Sofware Development Skills

Niko Muukkonen, 000321873

LEARNING DIARY, FULL STACK 2021 MODULE

**LEARNING DIARY**

04.05.2021  
  
 I chose this course because I really want to learn both frontend and backend. I have studied full stack development by myself already using MERN stack, but I was thinking that this course is going to give me something new. And for start when I was checking course materials, I was very happy to see that in this course we are going to use Angular for frontend. I have been learning and using React for frontend, se I’m more than happy to try and learn Angular also.

I started course by checking all the course material and setup my development environment. I already have Git installed and I have used it before. I also chose visual studio code for my editor because I have been using that before. I also have node and NPM installed on my computer and I am planning to use Mongo database from cloud provider in this course.

Also I planned folder structure for my git repository. Also today started to watch node.js crash course video.

5.5.2021

I continued to watch Node.js crash course video and did coding along. Because I’ve been using Node before there was not so much new stuff to learn, but I think it was very good to repeat basics of Node. I think I learned to better use of Node’s core/base modules. Next I started to watch express crash course video. I’ve also used express before for building API’s so making routes, middleware’s etc. is nothing new for me. But what is new for me is the use of template engine and express handlebars to build views. I haven’t build MVC type applications with Node so I was very happy to learn how to use template engine and render pages using it.

6.5.2021

Today I started checking out Angular from their documentation. I build the tutorial application “Tour of Heroes”. Because Angular is totally new for me and this was the first time, I tried it, there was a lot of new things what I learned. It feels little bit confusing right now after that Angulars own tutorial, but I was thinking to start next that tutorial series about MEAN stack and code along and I think I’m going to get answers to my questions about Angular. Right now, Angular feels little bit more complex than React but at the same time I can feel that you can code very readable and understandable code with Angular. And I like that Angular uses TypeScript se I can also learn that at the same time.

7.5.2021

Today I started to watch MEAN stack video series and I coded along. It started with building of backend with Node.js. I’ve coded couple of API’s with Node so there was not so much new things, but I made couple things differently than in videos because these videos are quite old and I thought I could make them little bit better. One thing what new to me was authentication made with passport. I have checked it little bit, but never used it so I was very happy to implement it in this project and learn how to use it.