Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills

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LEARNING DIARY, FULL-STACK MODULE

LEARNING DIARY

05.10.2022

Today I've done NodeJS Crash Tutorial, which is the first part of this Full-Stack Course. As I have just finished it, I doesn't find it hard, maybe a bit difficult, but it's exactly what expected. Started with some .js files, learning what we can do with NodeJS with simple examples. As the course was going forward, more and more utilities and functions were added. Finally, I created a welcome and an about webpage, which was deployed in Heroku.

I found quite difficult the last part, where I had to deploy it in Heroku as some commands weren't working on Windows, just few minutes later I got it and could make it.

07.10.2022

I've finished the second part of this course, which consisted of learning MongoDB, about NoSQL databases, how to set them up and how to use CRUD operations. It wasn't difficult at all as I was familiarized with JSON, databases and CRUD operations in databases. I had to search on internet about insert sentence, because it's not properly explained in the video, since insert needs atomic operators, $set{} was needed to make it work.

17.10.2022

I've finished Express crash course. It has been a difficult one as I have recently learned JS. It's like Struts2, a Java technology useful for routing and forms treatment, so it hasn't been too hard to understand. I have struggled with handlebars files because I didn't name them properly, after solving that issue everything was fine. I tried to implement a delete button, but I couldn't do it. I also had to edit some code so it could work correctly.

I learned how to make basic server syntax, some basic route handling techniques, what is express middleware and how to create middleware functions and how to build up a simple web page using html, CSS, bootstrap and express in a 2-layer architecture.

23.10.2022

Finally, I've finished AngularJS Tutorial, It has been hard, the hardest part of every course I've taken so far. After struggling so much with all components, services and so, I could achieve every point expected in the course introduction.

31.10.2022

I have been trying to deploy correctly the app in Heroku, it always crashed. I found out it was the URI to database. I solved it and finally could deploy. App working fine.