Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills

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LEARNING DIARY, Back-end

**REST Intro MODULE**

3.8.2021

I had VS Code and Git already installed on my computer and they were familiar to me. Although I had to remind myself a bit on handling git repositories. Then I created a repository for the course work.

In the REST API module, I learned about:

What API stands for: Application Programming Interface. REST API means: REpresentational State Transfer.

APIs are software that communicate with each other. A REST API usually works the same as a web page. It gives data when requested through a http request.

You can either get or post data through apis. Postman is a good tool that will create post requests and create the headers for you.

**NodeJS MODULE**

3.8.2021

Node.JS is not a language but it lets you run JavaScript code on the server. It is fast, efficient and highly sclabale. It’s popular in the industry and it allows you to use the same language on front and back-end.

It works on a single thread. Events go through a event loop. Node is good for anything that is not CPU intensive for example CPU calculations. “npm” manages node packages.

I installed node.js on my computer through its website. Then I created package.json where I store my dependencies. I installed uuid and nodemon. Even if I would delete these modules I could simply install them again through the package using “npm install”-command.

Then I learned how to make simple classes in js. Object-oriented programming is not that new to me, so I understood how to create methods and constructors.

Video 23:34