LAB University of Applied Sciences

Sofware Development Skillsf

Heikki Kaperi, 2410314

LEARNING DIARY, FRONT-END 2024-25 MODULE

**LEARNING DIARY**

03.07.2025

I hard installed "Git" to my computer in a earlier date. Now I started to "burrow down" on the fullstack course. I'll use VS code, and might use with "NeoVIM" hotkeys. Will see.

Hard to struggle a bit to delete local repository, to more easilly link bitbucket repository on my computer.

Got the "gist" of the "Front-end" page (meaning a general understanding, what will the course task be). Realized that there are "important" highlight points on the video, that is more important to this course.

Started to watch the video, in my mind guessing that I'm probably gonna build a 3 page website. Subject being "weekly workshop for dissembling, assembling desktop PC's and understanding computer parts".

Felt that there were problems with the "git & bitbucket & sourcetree" combo (haven't used them before). Decided to uninstall & install git & sourcetree again.

--- Feedback ---

Git & Bitbucket & Sourcetree. Ether make instructional videos for making a "working public repository" or switch to GitHub.

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Git & Bitbucket & Sourcetree.

/// Git

>>> Problem one

$ git clone git@bitbucket.org:ATBBRUfvMLFr4wkrzPaZDA23neJF7EDA5BF2:lab\_heikki/fullstack.git

Cloning into 'fullstack'...

\302\226git@bitbucket.org: Permission denied (publickey).

fatal: Could not read from remote repository.

(No pop up window to sign in, and no way to me to add)

Used almost 2 hours on this. The way I made it, was with this youtube video. And per videos instructions using SmartGit.

How To Generate SSH Keys for Bitbucket and GitHub

<https://www.youtube.com/watch?v=Tb4z8hxTFM8>

Still couple of random "leaps of faith" I had to do in the end of the videos material (SmartGit "SSH sign in" process).

Github vs Gitlab vs Bitbucket - Which Is Better?

<https://www.youtube.com/watch?v=FQGXIIqziQg>

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Bigger pause

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I named bitbucket stuff a bit bad. Started renaming repository & new project folder. In SmartGit, had to first delete the old one, and make a new one, to make it work again. Put VS code "wordwrap : on" on (yeeeah). Also installed “live server” extension.

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4.7.2025

Writing code that the fellow does in the video.

Got bit sidetracked, when wondering “why VS code shows Yellow text --M - Modified (An existing file has been changed)--" in the file. Realized, it tracks if it’s the same file as in Git repository (or SmartGit informs it somehow). Don’t like that yellow, so took the files to the side, that I’m editing.

Ou. It somehow tracks that if the file is in the “explorer workspace” in the side, and if any changes has been made, it makes it yellow. Guess not using the explorer workspace then (don’t like that yellow).

Now I’m at 22:41 part of the video.

Did more digging on the “yellow modified”. I had git in “source control” / “git enabled” in vs code. So that’s why. Made “vs code: git disabled”. No more yellow modified. Also can use live server too for html page (needed explorer workspace for that).

Seems like “Ctrl+k, and then ctrl+c” to hotkey a comment in VS code.

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8.7.2025

Continued from 27:25 part. Used a moment to think “why top bar isin’t css formating as it should?” Turns out, I forgot to add <div class="main-menu"> to HTML.

Made css “.navbar ul li a:hover” different (background-color & border-radius) because felt like it.

51:00 now. Installed “TabOut” extension to write css code a bit smooter.

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15.7.2025

Forgot “comment” hotkey, checked it again.

Wondered for a moment, why does not “display: grid; & grid-template-columns:” work proberly side by side. Problem was that I had all the “card” in their separate <div class="testimonials-grid"> sections, and not all in the same.

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16.7.2025

Did JS part

Added “ctrl-d” extensions, to dublicate current line below (Press Ctrl+D to copy the current line and paste it directly below).

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17.7.2025

Did Mobile responsiveness part.

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18.7.2025

Tried git more with friend. Probably tomorrow will get it working without smartgit (will first do a new test repo, to see if I get it to work. When it works, will uninstall & reinstall, and reinitialize & resyncronize “front-end” repo).

Now I feel I got the website in a “good spot”. Today use the example site as a “foundation” and take some parts probably from <https://github.com/heikki-kaperi/kaptam_website> that I & Nitesh have been working on. Car repair shop site, for my friend in Savonlinna.

CSS lines from 7-14, I asked chatGPT to make a colour palate from the logo picture.

For HTML video section, took what we did for kaptam.fi, when we had some unlisted videos linked in the site.

Got “Favicon & Title” & “Navbar” (want to change hamburger to a -smooter implementation-) & “Hero” mostly done (for first draft). Uploaded it to git.

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19.7.2025

It seems like “live server” extension works properly, if the right folder is in the vs code “explorer” tab.

Had to bit struggle on making location google maps embed 2 versions (for mobile and desktop). Missed that I had to make “mobile-location” div into “display: none” and the in @media, make it “display: block”.

After some testing, got desktop & mobile view of “location” looking good. Only problem is the middle ground (“tablet” view). It’s not looking great. Not sure how to fix it

I went to friends place, and he helped my to make “GitHub Education” DigitalOcean 200 € pack working. Did a Debian low VM server, and gonna host the website for my friend from there with Caddy and Let’s Encrypt.

Also, migrated project from Git & Bitbucket to GitHub, because works better with GitHub Pages.

Did work till 02:00. Got front page “mostly done” for the first draft (customers feedback needed on “where to take it”). Uploading it now to GitHub (ver 0.02).

Most trouble came in the end in spagethy code of ccs media responsiveness (have too many different values).

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25.7.2025

Done good amonth of “small tweaks” in the past days, and website is also up in “DigitalOcean” with url from “Domainhotelli” (garageratto.fi). Today, want to finalize site (mostly small things & cleaning).

Visual Code. Bit of a shame, that zoom is only in hotkeys, “ctrl + -“ and “ctrl + +”

Huh. Visual Code. Copilot chat extension. Said “format index.html file to a more readable form”. Did 2 things to the code, that changed the code. Hmh. Correction. 3 things.

Tried using this prompt:

“Can you cross reference index.html and style.css, and remove every class and :root var from style.css, that's not being used in index.html?”

Both CoPilot and Claude Ai failed (CSS that wasn’t good enough).

Done, works and online. Also google search engine console index:ing done.

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26.7.2025

Used a bit of code from here for a hover text-shadow css value.

<https://stackoverflow.com/questions/13426875/text-border-using-css-border-around-text>

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28.7.2025

So, most of the code, is 50% from here <https://github.com/heikki-kaperi/kaptam_website> and 50% from here <https://youtu.be/HXYZxVbWkjc>. Small piece from here <https://stackoverflow.com/questions/13426875/text-border-using-css-border-around-text>