**Creating a website – Verkkosivujen kehittäminen**

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# Site subject and theme

I had been toying with the idea of creating a website for my photography for a few years. I thought it would be a fun exercise in web development (in which I previously had zero experience) and I would potentially need it (the website) in the future. I ultimately hadn’t created one for a few reasons. Firstly, I’m still a hobbyist photographer and do not sell my work or services. Secondly, I just didn’t have the knowledge to do so and didn’t necessarily have the right motivation to learn it.

However, this course presented me the perfect opportunity to finally do it and choosing my photography for this project was a no-brainer.

# Wireframing and structure

I started outlining the structure in Figma (which I also has no experience before). That turned out to be helpful as I started the build the website. It gave me a clear vision for the aesthetics and structure, for both desktop and mobile viewports.

I wanted to achieve a minimalistic black and white look to accommodate my photographic style.

I wanted to learn how to properly write CSS myself, so I decided not to start with a framework and templates and build the website myself. For the main navigation I used flexbox. It was the simplest method for me to build the nav with different order of items for desktop and mobile.

The content was structured with a grid as it demanded more of a two-dimensional approach with image galleries and captions.

I created the contact form using Bootstrap 5 (also using Bootsrap Grid) and the slideshow using a Bootstrap carousel.

# Media

All the pictures on the site are taken and copyrighted by me and accessed locally. There’s an icon (Instagram logo) that functions as a link to my Instagram page.

# Features

The features on the website:

-CSS Grid

-CSS Flexbox

-Bootstrap Grid

-Bootsrap carousel

-Animations (image scale transform using :hover)

-Version control with Git

# Validation report

All the pages are validated without errors. The validation documents are found in my GitHub repo [here](https://github.com/trrahi/photography).

# Self-assessment

My goal for this course was to learn the basics of HTML and CSS and gain familiarity with some additional features (flexbox, grid, Bootsrap and Git; although it wasn’t included in the course). And I feel I reached most of those goals.

I wanted to broaden my understanding of CSS first and not use a framework for the whole website. This was important since even though templates fasten the workflow considerably, it is still critical to learn how to use basic CSS properties first to have greater control and customizability.

I now have at least a basic understanding and ability understand and use those features. The website is very close to my initial vision both aesthetically and functionally.

As I built most of it manually without a framework, it really expanded my understanding of how substantial part responsive design is when building a website. It’s straightforward to build a website for one viewport only even with the basic positioning properties, but most of the challenges are making the website responsive.

I also learned greater attention to detail in the design phase (by making an inadequate design first). I should have initially made the design more comprehensive and think about the site navigation more. I also should have given more attention to planning the implementation of the design, i.e. what kind of features am I going to build the site with. For example thinking how many column grids would be optimal for each page (or have them all use the same size grid) or to group visual styles into classes eliminating the need to adjust them element-by-element basis.

I also learned how important it is to write CSS clearly and a simple and organized fashion. Including comments, refactoring, and deleting unused lines and combining selectors for example.

# Site address and links

The site is published [here.](https://trrahi.github.io/photography/)

The wireframes are published [here](https://www.figma.com/file/0ZnjuR9hFGck9In8IJT0sl/Tuomasrahikka.com?node-id=0%3A1&t=IbhvvrUTP3G8Ygjt-1).

# Lähteet

Sähköiset

The Net Ninja, 2021. CSS Bootsrap 5 Tutorial. <https://www.youtube.com/watch?v=O_9u1P5YjVc&list=PL4cUxeGkcC9joIM91nLzd_qaH_AimmdAR>

The Net Ninja, 2017. CSS Grid Tutorial. <https://www.youtube.com/watch?v=MDQG6LSS8l8&list=PL4cUxeGkcC9itC4TxYMzFCfveyutyPOCY&index=4>

The Net Ninja, 2016. CSS Flexbox Tutorial. <https://www.youtube.com/watch?v=Y8zMYaD1bz0&list=PL4cUxeGkcC9i3FXJSUfmsNOx8E7u6UuhG&index=2>

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W3Schools. CSS Tutorial. <https://www.w3schools.com/css/default.asp>