Lappeenrannan teknillinen yliopisto

School of Engineering Sciences

Software Development Skills Front-End, Online course

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LEARNING DIARY, FRONT-END WEBSITE MODULE

Start Date : 10/06/2025

Activity : Video lecture from Traversry Media

Learning outcome: How to build a website from scratch, learning the importance of aspects such as hamburger buttons, flexboxes and responsive design

End Date : 30/06/2025

Activity : Final making and deployment of the website

Learning outcome: Learned the importance of gradients, adding a bit more detail, brainstorming ideas, adding more onto the features grid and rewording

**LEARNING DIARY – Example 3**

8/6/2025 – Front-End

Started learning how to use HTML, CSS and a bit of Javascript to build a website;

Used a Figma template as a reference to turn a design into an actual web page;

Focused on a Growth landing page which helped me understand the foundation I need before starting full website development.

9/6/2025 – Code Start

Installed necessary extensions and began working on the basic HTML structure using knowledge I already had;

Learned how to use Flexbox to align items in the navigation bar;

Discovered that using a container class helps limit the website width so it does not stretch too far across the screen;

Used Flexbox to align the logo on the left and the menu on the right in one row;

Realised that applying Flexbox to the container instead of the navbar works better since the container is the first child and can be treated as a flex item;

Adding comments while watching the tutorial made the process easier to follow

Understood how the pseudo selector last-child works more clearly;

Refreshed my knowledge on the difference between Grid and Flexbox;

Stopped at the CSS for the pricing section which introduced Grid and card layouts.

10/6/2025

Learned how to make the FAQ section more responsive;

Got close to finishing the page now working on the footer;

Revisited the importance of a strong footer and how to set up an email newsletter component.

14/6/2025

Started working on mobile responsiveness and how resizing affects layout;

Began learning why hamburger buttons are important for navigation on small screens;

Found out that Netlify is a good option for deploying a website;

Learned that Github connects well with Netlify for deployment purposes.

27/6/2025

Started building my own website project;

Learned the importance of following a design template while also making personal adjustments;

Started brainstorming ideas for sections and layout.

28/6/2025

Learned how to create gradients and understood the basic gradient syntax;

Came up with the idea to add a stats section under the hero section loosely inspired by this Figma design

<https://www.figma.com/design/9sS5GkFxXkbxa9R0teE11Q/Kajabi----Landing-Page-UI----Web-To-Figma--Community-?node-id=0-1&p=f&t=FyJ65f56RktkT5KM-0> ;

Paused at the feature cards section and got some help from Claude AI to develop and execute the idea.

29/6/2025

Decided to replace the FAQ section with a solutions section as it felt more intuitive and useful;

Worked on the testimonials section and learned that using avatars adds a nice visual element;

Moved on to the footer and chose to remove the newsletter subscription because it did not feel needed.

30/6/2025 – 1/7/2025

Focused on finishing touches like adding icons to the feature cards updating the wording and including some animations with help from Claude AI;

Learned the importance of understanding animation syntax which will be useful in future projects;

Deployed the website after all final changes were made.