**WEEK TWO Report – Introduction to Front-End Development**

**1. What I Learned This Week**

I started learning about **Front-End Development**, which is the part of web development that focuses on what users see and interact with on a website. I found out that front-end is all about building the layout, design, and user experience of a website or application using different technologies like **HTML**, **CSS**, and **JavaScript**.

**2. What is Front-End Development?**

Front-end development is basically everything that shows up in the browser – the buttons, text, images, layout, and how things move or react when you click them. It's called “client-side” development because it runs on the user's device (in the browser), not on a server.

For example, when you open a website like YouTube, everything you see – the video player, the search bar, the comments – is part of the front end.

**3. Main Technologies I Got Introduced To**

**✅ HTML (HyperText Markup Language)**

* This is the structure of the website.
* I learned that HTML is used to organize content using **tags** like <h1>, <p>, <a>, and so on.
* It's like the skeleton of a webpage.

**✅ CSS (Cascading Style Sheets)**

* CSS makes the HTML look nice.
* It controls **colors**, **fonts**, **spacing**, **layouts**, and can even create animations.
* For example, if HTML is the skeleton, CSS is the skin, hair, and clothes.

**✅ JavaScript (JS)**

* JS makes the website interactive.
* I learned that JavaScript can be used to do things like showing a popup, changing content when a button is clicked, or updating the time without reloading the page.

**4. Tools I Started Using**

| **Tool** | **What I Used It For** |
| --- | --- |
| **VS Code** | To write my HTML, CSS, and JS code. It's a code editor. |
|  |  |
| **Git & GitHub (basic intro)** | I learned what version control is and why developers use Git to track code changes. |

**5. Why Front-End is Important**

I learned that front-end is important because it's what people actually interact with. No matter how powerful a website is on the back end, if the front end is slow, ugly, or confusing, users won’t enjoy the experience.

Also, front-end developers are kind of like the bridge between design and code. They take a design (like a Figma file or a wireframe) and turn it into real, working code.