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GitHub Repo: <https://github.com/alizasyed152/Aliza-Syed/tree/main/lab04>

Web Sys Lab 04 Reflection

Using AI to build a site was very quick. The main problems were with actual functionality of the code. Especially with the JavaScript. Initially, I just had ChatGPT develop the HTML and CSS, which it did very easily. The CSS came out the way I liked. I found ChatGPT is very good at styling a page if you give a very specific prompt. Sometimes even overexplain the vision.

However, for the functionality, some API calls or dynamic features just wouldn’t work at first, so I had to give ChatGPT super specific instructions and sometimes even ask it why it was not working for it to realize its own mistakes and then Chat was able to fix it.

Also, the first few prompts I gave were too vague, and the AI gave me incomplete features or messy outputs. I learned that giving detailed instructions, like specifying exact APIs, what weather info to show, color palettes, or card layouts was very helpful. Refining prompts step by step made the site actually come together.

Even with the challenges, AI sped things up and helped me get a working framework for the site very quickly. I realized it is a very helpful tool if you guide it, check the output, and ultimately make manual changes, which we could not do for this lab. By combining AI with some manual debugging and careful prompts, I was able to get a site that looks good, works well, and does what I wanted.