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Report about the use of a LLM tool

The used LLM tool

I used ChatGPT to help with my exercise, I have not tested other LLMs.

Motivation/reason to use LLM

For me ChatGPT is more like a coding buddy that does quick Googling for me. I could Google things to help solve my problems and find solutions to achieve something myself, but I find it faster to ask ChatGPT and then evaluate the answers it gives me. After evaluating I check docs etc. to decide how I am going to proceed and myself decide the best way. I don't just blindly think a solution is good because ChatGPT said so. It is more like brainstorming and discovering possibilities that I am not familiar with (yet).

How and why LLM helped

I am using Windows (+WSL2) so one thing I needed to make sure is that the pathing of volumes works in Linux too. I asked ChatGPT about that one and it provided me a way to declare the volume path so that it works with both Windows and Linux. More specifically the "linking" of volume so that the log files are saved to the local /logs folder in the project root. I use VirtualBox + Ubuntu as a testing environment. After doing things and seeing that they work in my Windows (and pushing them to git) I can easily go to VirtualBox + Ubuntu and simply do *"git clone/pull…"* and *"sudo docker-compose up…"* and see if my docker container runs and works there aswell, as it did, at least on my pc and virtual pc :D

Also, I am not a very fluent Linux user, so I asked ChatGPT about those things too. I do not take CLI commands from there, but I might copy-paste some short error messages and provide a little context to get some understanding of what the problem might be. For example, I need to use *"sudo"* with *"docker-compose up –build"* because without it I don't have necessary permissions for the docker compose to access Docker daemon socket or something like that.

What kind of mistakes LLM did

I am not 100% familiar with the module system of Nodejs yet so I asked ChatGPT about that one too. I tried to use *CMD ["node", "--experimental-modules", "index.js"]* in my service 2 as it instructed me, but it didn't work. Anyway I implemented my service1 as a .mjs and service 2 as a .js just to learn to make both ways work. I also noticed that ChatGPT does very easily propose Nodejs packages to different problems which might not be a great idea to follow blindly. Many problems can be solved without installing some random "140 weekly downloads" package from npmjs :D