Raj Ray Prof. Zhou GUI 1 7 June 2025

HW1

2 - Reading - Write a short summary of what you have learned from this reading. It should be at least more than 200 words:

All three sources in this reading talk about the skills needed to become a full-stack web developer. I think the common starting point is always the frontend, the actual UI part of web development where you are building what the consumer interacts with. All three talk about the core technologies of web development: HTML to act as the skeleton of a web page, then using CSS and Javascript to breathe life into it and animate it. After this the sources kinda vary in topic and order. I noticed the two biggest topics after the frontend were either frontend frameworks which started popping up to help build front end applications, or the backend which is its own world. Traversy went in depth about a few of the most popular frameworks including React, Vue, Angular, and svelte whom I have heard of, but knew little to nothing about. One thing that stuck out to me was how the guy in the video said that everything is essentially the same, since a lot of it is built off react. The in-depth roadmap and the youtube video both also brought up infrastructure/support topics like tooling and devOps which is mostly new to me. I've obviously heard of DevOps before, but learned a lot about what is considered devops. I've never really thought about AWS, or had to worry about deployment with my personal projects either so that whole side to web dev was really interesting to read about.