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CS 470 Final Reflection

YouTube Link: <https://youtu.be/IkjtZ0Rgnbs>

In this course, CS 470, I learned how to work with AWS and some of the services offered through it in order to develop the frontend and backend portions of an application. All of this material was new for me, so everything I was exposed to was a learning experience. I do believe that this can help me to be more marketable because it's an added skill that I now have in a field that is gaining momentum, that of full stack development. As a software developer, I think my biggest strength is curiosity because I feel that that curiosity has taken me far and it opens the door to many more learning opportunities in the future. I don't mind researching when it comes to trying to figure out something new or complicated because I see it as an opportunity to pick up new information along the way. I would ideally like to start working in the full stack development field full time, and this class solidified my like for this career path. Since I don't have any real-world experience with any of this material, I am unfortunately bound to only entry level positions at the moment.

I think I would handle scale and error handling by integrating a way to keep track of errors and allowing scalability to occur when needed. Predicting costs is difficult, but a good idea is to look for similar applications to get a better real-world idea of what costs to expect. I could also rely on the experience of others in the field and consult more seasoned developers who can give me insight into what to potentially expect. Containers are more cost predictable

because they do not have pay-as-you-use type of services. The pros that would be deciding factors in plans for expansion include the ability to bring in more clients or offer more services, which translates into more revenue, also the availability of services for quick expansion. Cons would include, naturally, the cost of new services for expansion as well as limitations for expansion. It's difficult to know exactly what to expect with an expansion, but it's a good idea to have a roadmap. Elasticity and pay-for-service serve to allow for easier expansion in the future as well as the quick and easy ability to descale in case its also needed. Elasticity and pay-for-service can also have money-saving potentials by assuring that only what is needed is paid for.