

Onasis McCuien

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Assignment: CS 470 Final Reflection

What skills have I learned, developed, or mastered in this course to help me become a more marketable candidate in my career field. I have learned and have a better understanding of how full stack development works. This includes the front end and the back end of full stack. I understand how API integration operates, and I have an understanding of how API allows communication between different parts of the applications. Finally, I have learned how to execute applications in the cloud, which will ensure scalability and global accessibility.

Describe my strengths as a software developer. My software strengths will include the ability to adapt to new situations such as new technology and environments. The problem-solving skills that I have learned that allow me to address any problems that may arise. Last but not least, the proficiency in the different programming languages that I have been exposed to.

What types of roles am I prepared to assume in a new job. There are several fields that I can venture into at this point. Anything from IT to full-stack developer, to a cloud solutions architect.

How would I handle scale and error handling? Well, I would utilize serverless computing to address error handling. I would address scaling by an automatic pay for usage type deal.

How would I predict cost? Well, this goes back to the aforementioned. Serverless computing platforms can scale your application in response to the demand and charge whomever for the actual time used. This is how I would capture the cost.

What is more cost predictable, containers or serverless? Containers are the more cost predictable ones. Containers are pretty much set on a fixed rate. Basically, you are charging one set price. Whereas serverless, you are charged based on the amount of data that you actually use.

Elasticity and pay-for-service play a crucial role in future growth predictions. They both allow applications to adapt to changing demands without acquiring any unnecessary costs.

<https://youtu.be/IYzf0OoNYp0>