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CS 470 Final Reflection

Youtube video: <https://youtu.be/4YzgRvzKmvw>

- Experiences and Strengths: Explain how this course will help you in reaching your professional goals.
 - What skills have you learned, developed, or mastered in this course to help you become a more marketable candidate in your career field?

This course taught me how to make a full-stack Angular application. As I wrap up the Computer Science program at SNHU, I am working on building my skills to be a software developer, including web design. This class gave me experience working with Docker and AWS as well as how to use my local machine to deploy an application.

- Describe your strengths as a software developer.

My strengths as a software developer are analyzing the small details where an error may be. Though I tend to rush the initial process of coding a new program, I am good at going back and debugging something that could otherwise go unnoticed for weeks.

- Identify the types of roles you are prepared to assume in a new job.

As I head into my first look at a full-time career, I am prepared to assume any role in a technical setting, such as frontend developer, backend developer, full-stack engineer, or even a project manager.

- Planning for Growth: Synthesize the knowledge you have gathered about cloud services.
 - Identify various ways that microservices or serverless may be used to produce efficiencies of management and scale in your web application in the future.
Consider the following:
 - How would you handle scale and error handling?

I would assess how each platform approaches these issues. For example, AWS wants to work with developers who plan to migrate their existing systems and scale them in an efficient way. Therefore, it could be an excellent choice for those looking to go serverless.

- How would you predict the cost?

Again, as most platforms outline their costs on their websites, I would do the research to see what is the most cost efficient option. I would predict the cost based on how much code I plan to use for the application, how much data I have to upload, and how much traffic I expect on the application.

- What is more cost predictable, containers or serverless?

Containers are more predictable, as serverless for AWS is a “pay as you go” service. However, the latter option may end up being more cost efficient if one does not plan on having too much traffic on their web application.