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CS 470 8-1 Assignment: Final Reflection

YouTube:  <https://www.youtube.com/watch?v=E5ePDb2ApsI&t=48s>

**Experiences and Strengths:**

1. What skills have you learned, developed, or mastered in this course to help you become a more marketable candidate in your career field?

* I have learned quite a few skills within this course to help me with full stack web applications. Specifically I have learned Docker and AWS. Having these skills will help me in my career field and obtaining a job in that field.

2. Describe your strengths as a software developer.

* My strengths as a developer are that I am good at details and working quickly. I am a creative thinker and good at problem solving. I enjoy working as a team and as an individual.

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

* Roles that I am prepared to assume in a new job are cloud based applications, full stack developer and an engineer.

**Planning for Growth**

1. Identify various ways that microservices or serverless may be used to produce efficiencies of management and scale in your web application in the future.

* Microservices downsize larger applications into small, and easier to manage apps. This will make it simpler when you need to make changes. Serverless is a way to manage without actually having to manage any servers.

2. How would you handle scale and error handling?

* To handle scale and error I would watch the how well the application is preforming to keep track.

3. How would you predict the cost?

* To predict the price I would use a calculator for cloud pricing.

4. What is more cost-predictable, containers or serverless?

* I think the more predictable is the containers because container cost is based on the resources that are used. Serverless is based on the requests there are.

5. What roles do elasticity and pay-for-service play in decision-making for planned future growth?

* I would use elasticity and pay-for-service to keep the total cost down for the web application. I would also want to keep track of the entire cost of the application.