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CS 470 Reflection
https://youtu.be/gCxTbLvYHtU

- **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?

    The skills I have learned is how to copy paste and how to use stack overflow. The marketable skills I have learned is how to google quite well in the absence of updated instructions.

  - Describe your strengths as a software developer.

    My strengths as a software developer are that I can quickly translate business practices into tech speak bridging the gap between the two worlds.

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

    I'm currently the sole application developer for a company helping business processes and currently have a job lined up as an IT auditor with a Fortune 100 bank.

- **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 handle scale by utilizing the rapid elasticity features, no need to worry about up front costs and no need to worry

if my architecture gets overloaded especially if I host my architecture on two separate serverless servers.

- ▪ How would you predict the cost?

  You predict the cost by conducting a stress test and consulting with the cloud agency on how much it could potentially cost and then having a cap put on when you want to throttle your servers.

- ▪ What is more cost predictable, containers or serverless?

  Containers are more predictable than serverless. Serverless is hosted somewhere else where dependencies are handled by the mother company, whereas containers are handled and contained in the very shell they were created in.

- o Explain several pros and cons that would be deciding factors in plans for expansion.

Upfront costs for data centers are quite costly. If you don't pay for enough data storage then you will end up shelling quite a bit more in the long run.

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

  Cost benefit analysis is going to become the reigning champion in this situation, and dependent on business needs.