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CS470

CS470 Final Reflection

YOUTUBE LINK: <https://youtu.be/u7DPdN313aQ>

- 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 has done alot for me in terms of helping me become a more marketable candidate in my career field. One of the main things this course has helped me with is deepening my understanding of cloud development and security within the cloud.

- Describe your strengths as a software developer.

Some of my strengths as a software developer include:

- Attention to detail
- Problem Solving
- Adaptability

I still need to work on getting a greater understanding of software development.

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

Some roles that I am prepared to assume in a new job would be a full stack developer or a software engineer.

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?

To handle scale and error handling the microservices would break the application into small sections in order to scale and fix errors independently from each other based on where the failure occurred.

- How would you predict the cost?

It can be hard to get an exact prediction for the cost but it is a pay per run service so it will charge you for when you're running the application. You can use this information in order to get an estimate on the cost. The advantage for this is you will not be paying for extra.

- What is more cost predictable, containers or serverless?

Containers are more predictable because serverless is a pay as you go model while containers are based on a set price.

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

Some pros that would be a deciding factor in plans for expansion would be faster development and pay as you go model for cost efficiency. A con that would factor in may be it is difficult to predict the cost.

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

Elasticity and pay for service play a big role in making plans for future growth. Users now know that they will not be wasting money or resources in order to do what's needed as they will only be paying and using what they need. This will save money.