Professor James Hodgman

Full Stack Development II

CS 470 –11496 –M01

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Video Link: <https://youtu.be/uOTnvSwA7K8>

**CS 470 Final Reflection**

* **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?**

I learned how build web-based application and then convert it to a cloud-based application using containers.

* + **Describe your strengths as a software developer.**

My strengths as a developer are debugging code and ensuring that the code I produce is secure. I am adaptable and have the flexibility to learn new technologies, and good at problem solving.

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

The types of roles that I am prepared to assume in a new job is full stack development.

* **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 monitor the systems and make sure that the application performance is running smoothly.
    - **How would you predict the cost?**

I would predict the cost by enlisting a cloud calculator for the application

* + - **What is more cost predictable, containers or serverless?**

Containers are more predictable because of the amount of resources used.

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

Expansion would be great for the application and bad for costs.

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

Pay-for-service helps to keep the cost of the application under control.