**8-1 Assignment: Final Reflection**

Jehu A. Domenech Ortiz

Department of Computer Sciences, Southern New Hampshire University

CS-470-X6176 Full Stack Development II 23EW6

Prof. Nizar Dajani

August 20, 2023

Video Link: <https://youtu.be/sI1HlwfFWog>

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

Throughout the course I was able to better understand AWS and their different tools for databases and APIs. I was able to better understand how development in a serverless environment functions which makes me a marketable candidate for companies interested in AWS.

* Describe your strengths as a software developer.

As a software developer my strengths lie in my ability to read through documentations. I spend the majority of my time reading through documentations, especially if I need to solve a problem. While people find reading documentations to be bothersome, I find it enjoyable.

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

I am prepared to take in any role when it comes to being a software developer. I am particularly good with front end development but I can also work with back end development if I need to.

* How would you handle scale and error handling?

For scaling a serverless option would be best if the project is in a smaller scale. For error handling I would like to automize the process for detecting these errors from the very beginning and planning from the start to increase security.

* How would you predict the cost?

The cost depends on the scale but by planning ahead we can determine the number of developers needed and hours in which each part of the development process will be required. Through this we can adjust and budget depending on the amount we would like to spend.

* What is more cost predictable, containers or serverless?

I would say serverless since containers need much more resources than a serverless application.

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

When deciding for expansion you need to make sure that you need the expansion as to not waste money and if you do it too late it would inconvenience your customers.

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

If you expand too early you would run the risk of wasting resources and if you do it too late the customers would be upset because the expansion happened to late.