

CS 470 Final Reflection

Experiences and Strengths:

This course was integral in helping me to expand my understanding around the key positives of migrating to a serverless environment. Some may ask after taking this course “what did you learn that will help you reach your professional goals?”. Well, I would say the ability to understand what the best choice for any project I am developing and having to decide on how I would like to deploy my application. Whether it be a choice between taking a serverless approach or making use of servers. This course helped to build upon my understanding of the intricacies on what it takes to build and deploy a full stack application. Overall, my time at Southern New Hampshire University has helped to sharpen my strengths as a developer whether it be learning something new or having to figure out something on the fly. This paired with my experiences outside of this course make me a strong candidate for many challenging roles. I have worked in many leadership roles in the past and present and when this is added with what I have learned throughout this course and my time at SNHU it will not just help me be a great software engineer but will also help me be an asset to any organization or team that I get the chance to work with.

Planning for Growth:

This course has taught us a lot about how we may what to develop and deploy the applications that we are going to develop in the future. The course also taught us to the benefits of migrating an application to the cloud. Something that I felt kept being brought up through my research in

this course was the how scalable whatever we were going to develop was going to be I would say this was one of the main focuses for me during this course. As someone who has been working on the business side of things for companies, I will say this would be an area where a company could take a loss. Why would anyone want to pay for something that they are not using. That is a major benefit of serverless and the pay-for-use model. This does not mean the server approach is bad it all needs to be taken into consideration. What fits one applications, clients, or organizations needs may not be right for the other. There are some benefits to using a different approach which will not dive into for this discussion. With the pay-for-use model as a developer I would focus on how much traffic was happening or calls were made to gain the best understanding of average cost of running my application. One thing that is not spoken about is security with such choices as Amazon Web Services not only to you get the benefit of high scalability, but you get the benefit of multiple different types or layers of security. I would say serverless is more cost effective for applications that have ups and down is traffic while containers would be better when dealing with high continuous traffic. Overall, this course was integral in helping me garner a stronger understanding of what it would take and the best decisions to make when moving a full stack application to a serverless environment.

Final Project Presentation Link: <https://www.youtube.com/watch?v=6yYAlamLY38>