

Mod 8 Final Reflection

This course helped me a lot, I feel that the information provided me with plenty of great opportunities to expand my knowledge. Using AWS was a brand-new experience for me and I felt that taking this course gave me the opportunity to explore the world of cloud-based servers. I feel that one of my strengths as a developer is that I am a fast learner and I know how to utilize my resources to find the information that I need to move forward with a project. Personally, I am not fully sure where my skills will take me in the computer science world, I have a lot to consider in what road I want to travel down for the rest of my working life.

With serverless applications, you have an easier time managing. I say this because you do not need to worry about the server maintenance. I feel that server maintenance is a lot and if you are not as familiar with the hardware that is needed you may be at a loss. Being able to have this worry taken from you and managed by a third party allows the developer to focus more on their coding. Now, I will say containers are a bit more predictable when it comes to cost. Since you know exactly what you are using at the time and are not scaling for more traffic. When it comes to serverless applications since the server automatically scales your application based on traffic it could end up being pricier one month vs the next.

Expansion seems like it would be a great thing but it could also cause your cost and workload to increase. With increasing the workload from the expansion, you are going to need to find more developers to handle the workload, it may be too much for the staff you have now. With the new employees, you need to plan for higher costs to be able to pay them properly. One great thing about expanding is that you could bring in more revenue which allows you to save up for bigger and better things. Another great thing about expanding is exploring new and fun ways to do different things.

With elasticity, expansion may be an option you might not get to choose all by yourself. With the ability to automatically scale the application, your traffic flow may be high forcing you to grow too soon. With the pay-for-service option, again with high traffic flow, it will cause your application to grow and use more servers. This will increase your costs and may not be in your budget.

Presentation link: <https://youtu.be/L6d2OH7TbsU>