

## **CS 470 Reflection**

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Overall, this class has strengthened my capacity to understand what is possible with cloud computing and how to develop a full stack application fully in the cloud, specifically AWS with this class. For me personally, I feel that my strengths as a developer are my ability to research and discover a solution to a problem. I think I am very good at breaking a problem down into smaller pieces that can then be used to build back up to a fully realized solution. As for the type of roles I would expect to have in the future as a developer, I think I could become very good at any role from architect to operations or developer. Each role has different characteristics but all of them have aspects that I would enjoy greatly. With that, I feel like my ability to solve problems will tailor to each of these roles in a different way and I would be happy to land a job in any of these positions.

When it comes to the strengths and weaknesses between services such as cloud computing or containerization, I think there are a lot of considerations that must be taken into consideration before deciding which direction to go in. With cloud and serverless computing, the model can be very useful for smaller companies with a model that you pay as you go. Additionally, it can also be incredibly challenging to predict how much a company may scale. With serverless computing, the scaling can be handled automatically, making it a very nice option for very exponential growth. On the other hand, with the pay for what you use model, this could be more expensive than utilizing your own servers to perform the same tasks, especially if your company has predictable amounts of growth. Overall, it can be challenging to choose which method of solving the companies problem is preferable, but it is worth investigating both options and assessing the potential cost of each before deciding.