

Jiayu Lin

Final Reflection

CS-470

6/25/23

Video Presentation: <https://youtu.be/l6Go1G1H-UA>

This course has been vital in helping me reach my professional goals. Throughout it, it has given me experience understanding and dealing with cloud development. Because the cloud has become increasingly prominent in the industry, these new skills I have developed using AWS make me a marketable candidate. My strengths as a software developer are displayed with my skills in problem solving and perseverance. I don't like to give up and would continue to work on a problem to a solution. During it, I try to develop multiple solutions to a problem and analyze which of them will be the best in the situation. These skills will make me a great application for a software developer, and I am prepared to be an integral part of a team.

During this course, I have learned about the many benefits that serverless computing provides. For one, if using AWS, Amazon handles all the maintenance and resources are automatically allocated by the service. This enables the developer to focus solely on development instead of managing a server. This is also extremely cost effective as it is based on a pay as you use model. Because with traditional servers and databases, you must purchase physical hardware. The downside to this is that you must estimate your company's needs and use, therefore, there are moments when you waste those resources or do not have enough. Because serverless automatically scales your needs, we end up being extremely cost effective. This feature also allows for future growth and expansion.

