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CS-470

### Final Reflection

Video Link: <https://youtu.be/hJ7wkxRvSFM>

**Experiences and Strengths:** Explain how this course will help you in reaching your professional goals.

My professional goals as a developer are to work in Machine Learning and Artificial Intelligence. I believe this course has shown me how seamlessly some modern technologies can work together. As a software developer my strengths include patience, critical thinking, and practice. I am willing to sit and stare at a project for hours on end without getting discouraged, not to say I don't need to walk away to get fresh eyes at times. I am prepared to assume any role in full stack development or AI or ML because I know that I will need some training but learn the role quickly.

**Planning for Growth:** Synthesize the knowledge you have gathered about cloud services.

Cloud services offer a variety of options for hosting applications without having conventional servers. This to me seems like the greatest advantage of using a cloud service. You no longer must manually maintain a server room and upgrade as your program gets more traffic, cloud services can do that for you.

Identify various ways that microservices or serverless may be used to produce efficiencies of management and scale in your web application in the future. Consider the following:

Scaling as previously mentioned is easier to cope with on a serverless cloud-based application. You can project users all you want but if your company takes off your cloud environment can grow with your business. I believe containers are more cost predictable.