Lawrence Artl III
CS 470 22EW2
Final Reflection
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Throughout my studies in this course I have learned a great deal about how the AWS serverless environment works, as well as how to integrate a web application into it. Using containers locally and on the cloud have become a skill that I can now implement into my development process, and while I still have much to learn about them I am now better prepared to work with them in future projects.

As a software developer my greatest strength is my problem solving skills, especially when troubleshooting problems and errors in the code. While I enjoy web development with node.js and Angular applications, I still feel very comfortable with locally developed console applications as well. I enjoy building applications that offer tangible results to users in the form of solving their problems, whatever they may be.

When working with an application it is important to consider scalability and growth for the future of the program, and therefore a serverless environment should be discussed. Having the application broken into smaller services that are modularly put together within a serverless environment allows for quick and easy expansion should growth of the application take off. Being able to use a service like the AWS lambda functions and the AWS buckets for storage can allow a company and development team to build a smaller application initially and then add onto it quickly as demand grows. As it goes, running an application at a large scale is typically more cost effective when the application is run serverless. However, containers can be a good option for smaller applications (think: used only within the company) that allows for quick changes to the code without breaking anything.

Overall, there are many options that developers can utilize when migrating their application to the cloud. User and company needs will determine which method is best to implement, but all should be considered and explored.