

CS 470 Final Reflection

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This course has given me hands-on experience to use AWS for developing a full-stack application. I have a better understanding about the benefits of DynamoDB and MonogoDB and how to choose a database model that will work best for my application. I also have a much better understand about setting relationships between different AWS services to achieve connectivity in a secure manner. My strengths as a software developer are working with embedded systems, so having a better understanding of full-stack development will allow me to integrate web apps into embedded projects. In my current job, I see web connectivity as an interesting topic that may or may not be worthy of integration.

Serverless applications maximize efficiency of resources and minimize cost overhead. By dynamically responding to demand and spreading the load of an application across a network, you also see benefit in scalability. Cost becomes more predictable as the number of instances of your application is directly proportionate to cost. The fixed operating cost model is effectively removed. A serverless model maximizes elasticity which makes it optimal for pay-for-service applications.

Link to Presentation: https://youtu.be/Voltnh7W_t4