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CS 470

[YouTube Video](#)

Full Stack Development II:

Experiences and Strengths

During this course I learned so much about Full Stack Development including being able to implement the Full Stack project into the Cloud using Amazon AWS. This course was my first time working with DynamoDB and other AWS tools. I am looking forward to work with AWS on personal projects related to Data Analytics and Web Dev since this tool is very cost efficient and easy to use comparing to other tools available. My strengths as a software developer are being able to adapt to new tools like AWS. My strengths about Web Dev have always been working with UI/UX and the front-end since I can apply my artistic skills however this course has helped me develop my back-end skills and working with the cloud.

Planning for Growth

Predicting the cost of a cloud service is little challenging however containers provide a predictable cost structure based on the resources being used. Also, serverless functions are billed per invocation being run and used. Pay-for-service can be great for users that want to be charged for computing being used, helping optimize costs and improve performance. Similarly, elasticity can also optimize costs and improve performance, especially when it handles traffic spikes without over charging for resources that can result in unnecessary costs.