

Link to Video: <https://youtu.be/OSek2BqFcoY>

### Experiences and Strengths

The major skills that I have learned in this course are how to interact with AWS, different components of AWS, and how to interact with them. I also learned how to scale and add a full stack application to the cloud. These are immensely valuable skills that will only become more desirable over time as applications are more often hosted in the cloud.

The skills that I have as a developer would be in backend development. The reason for this is that I am already a backend Java developer. I am however looking to make a move to full stack development and so I believe that this course has enabled me to look for these jobs. In fact I am actually applying for a full stack development job at the moment.

### Planning for Growth

Actually scaling of a web application is done automatically by AWS in regards to application load. This is one of the major benefits of cloud computing. Error handling on the other hand would require having a backup of the application that can run in case the other application runs into an error. This would ensure that we have a worst case scenario application to run. It is my opinion that serverless is more predictable, as dependencies are handled by the service provider. It also separates components that would work independently of one another which seems to make programs more stable.

I think that some of the pros attributed to expansion plans are:

- Profitability
- Impact
- Unique programming implementation

Some negatives (cons) would be:

- Cost to maintain
- Higher possibility for errors
- More specific knowledge of the application is required

I think that in the future, pay for service is essential in future growth. The ability to scale an application to handle increased loads, and only paying for that when it is necessary will be critical. This allows you to build out and expand your web app without having to worry about large, all at once overhead costs in the future.