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## 8-1 Final Reflection

### Experiences and Strengths

This class has helped me understand just what cloud computing is, and the various ways I can use it. AWS is a comprehensive service allowing me to create and manage the various components of a full stack application, and also manage a team of developers.

I do not see myself as a good software developer, but I do try hard to understand the content of my classes. I believe I have a superficial knowledge of many programming tools, so I might be able to enter into a role as an entry level developer.

The most challenging thing I have worked on so far is backend development, so I would like to work on developing that skill.

### Planning for Growth

One of the best parts about serverless cloud services is it's elasticity. If I was not sure about a project's server requirements, I would absolutely consider cloud computing as a great solution to minimize cost and yet also be prepared for growth.

To predict costs, we might use AWS Cost Explorer, and also monitor current usage and costs.

AWS Cost Explorer API provides an endpoint we can give us cost and usage as well.

What is more predictable, containers or serverless? If the containers are owned by us, then I would say containers. However, that doesn't mean that it has more value than less predictable serverless cloud services.

I have been a business owner for a few decades now, and the way I try to create or architect my profitability is in direct relation to gross revenue as a percent (if possible). This is done by reducing static overhead costs. Cloud computing keeps costs variable, which might trend as a percent of gross revenue. Even if the costs might be higher at some point in time, it would be reasonable to still choose a variable liability rather than a static liability to ensure profitability.

Youtube Link to my Project Two Presentation:

<https://www.youtube.com/watch?v=ZNIfXxbbnAc>