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Project Two Conference Presentation: Cloud Development

Link: <https://youtu.be/BETvYOQeA-M>

The course has definitely given me the skills to pursue a job as a software engineer.

I've learned a lot about AWS and cloud development that will hopefully make me a competitive candidate in software engineering.

My strengths as a developer are that I'm very teachable and learn fast.

In a new job I could definitely handle roles that include working on a team of developers that create and maintain serverless cloud-based applications.

I would handle scale and error handling by designing systems that can be scalable horizontally.

I'd be sure to include robust monitoring and alerting systems. I'd also be sure to include redundancy to mitigate the impact of failures.

As for predicting cost, it comes down to understanding pricing models of underlying infrastructure and estimating usage patterns that way.

Pros and Cons for expansion include both containers and serverless platforms as a consideration.

Pros for containers include portability, consistency, scalability, and control. While cons include management complexity, resource overhead, and longer deployment times. Pros of serverless platforms include cost, simplified management, scaling, and rapid deployment. Cons include vendor lock-in, cold start latency, and resource constraints.

Lastly, elasticity and pay-for-service models are certainly critical factors in decision making for planned future growth. Elasticity allows organizations to efficiently utilize resources and handle fluctuations in traffic without over or under provision infrastructure. While the pay-for-service models align cost with actual resource consumption allowing organizations to scale resources based on demand.