CS-470 Full Stack Development II

Module 8 Final Reflection

https://youtu.be/P7ryDNvxGf4

I have gained a great deal of knowledge about the operation of the AWS serverless environment and how to incorporate a web application into it from my study in this course. I have also learned about DynamoDB, such as migration of MongoDB and DynamoDB, Lambda functions and API Gateway like setting up CORS, while enabling GET, POST and DELETE methods.
Although I still have a lot to learn about them, I can now incorporate using containers both locally and on the cloud into my development process, which will make me more equipped to work with them in the future.
My strengths may be troubleshooting the code. I like creating apps that help users solve challenges of any kind and provide them with measurable outcomes.

Scalability and growth are crucial factors to take into account while working with an application, and as such, a serverless environment should be explored. In the event that the application's growth takes off, it may be quickly and easily expanded thanks to its division into smaller services that are assembled modularly within a serverless environment. With the help of services like AWS lambda functions and AWS buckets for storage, a business or development team may start with a smaller application and easily expand it as demand increases. Serverless computing usually results in more cost-effective large-scale application operation. Containers, on the other hand, can be a good choice for smaller apps, as they enable rapid code modifications without causing any issues.

Developers have a plethora of alternatives at their disposal when it comes to cloud migration. Which approach is ideal to use will depend on the demands of the user and the business, but all should be thought out and investigated.

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