

This course has provided me with more than many of my classes, in my opinion. You can't look at many companies today and find instances where they aren't using some form of cloud technology. Coming from a previous background of working with MongoDB or local storage it was extremely useful to learn using one of the industry's biggest products in Amazon Web Services. As I have been looking for jobs, I notice that a larger portion require AWS or knowledge of NoSQL databases, which this class has provided. While we didn't divulge into the massive platform of services they provide, we were able to build a front and back-end platform to encompass a full stack, which is another attribute hiring managers are looking for.

In terms of strengths as a developer, I think it's better to be versed in multiple areas as opposed to a master of one or two products. Therefore, I'd say one of my greatest strengths is a solid foundation in a foundational understanding of how products work, how they collaborate, and which is appropriate for each situation. Another skill, which I think is important for any person in any career field, is patience and problem-solving skills. The rubber ducky strategy is said to solve many problems internally, before seeking out additional help. For me, it was a gold ceramic robot I purchased quite a few years ago, her name is Rosey (from The Jetsons). Throughout this course, and others, Rosey has allowed me to stay grounded in thinking and vocalizing my issues to her. Through this I found my productivity to increase as I'm able to solve simple mistakes by avoiding lengthy searches that weren't always beneficial.



Rosey The Rubber Duck

What type of job am I going to be pursuing? I think this is something that can be broken down quite easily, anything I am comfortable with. Through my schooling at SNHU I realize that the number of possibilities within software engineering are quite high. As the world continues to move into a technology-centric platform, the number of jobs increases.

That said, I would honestly appreciate a role in a full stack environment. Being a master of one is not as interesting as being able to produce from start to finish. If I were required to pick a specific job, I would investigate categories such as AWS, JavaScript, MongoDB. I say these technologies because, these are what I feel most confident and comfortable in.

As I've learned in this course, AWS is quite possibly the king of management and scaling. I do think I'd appreciate working locally to some degree, why would I? If I'm going to develop my own product, I think AWS is a no-brainer. In this moment, we can avoid looking at their top-notch security and focus on management and scaling. As I have learned scaling is such a huge part of any storage, in terms of performance and general capacity. AWS auto-scaling takes the hard part out of the equation. Moving up, it costs more, but it's there as soon as it's needed. But also, lowering capacity automatically, costing less money. The management and analytics simplify the process tremendously. Using services like Lambda to trigger events, storage management, security, this all allows for better oversight and generally greater production overall. Between these two, the amount of manhours and manual oversight more than makes up for the difference in cost of any other solution.

When weighing options for which product works best for a project, it's all the developers or teams' preference. Some companies are going to want that added layer of control and will use containers and manage them with their choice of database. Others will appreciate the workflow and ease of use something like AWS provides. Ideally for me, even looking past the attributes that make AWS a full package powerhouse, you need to consider the number of services. It is comprised of over 200 services from sound, to visuals, and of course front and backend services. All things considered, I would be a fool to decide without weighing the services and potential cost of AWS.

This class, overall, has been such an added benefit to my portfolio. Understanding and being able to implement various AWS, or even cloud, ideologies and services is a skill that most companies are searching for. Additionally, analyzing needs, migration, and general scope of how different technologies mesh, or contrast, provides me with a better understanding of not only cloud technologies, but storage solutions. Thank you!