Sammabine Admettre

December 22, 2024

CS 470 Final Reflection

http://youtu.be/VcM3aA04huQ

* Experiences and Strengths: Explain how this course will help you in reaching your professional goals.
  + What skills have you learned, developed, or mastered in this course to help you become a more marketable candidate in your career field?

As a consequence of participating in this program, I now have a plethora of skills that will come in handy as I create full stack online apps. Docker and Amazon Web Services are two subjects in particular on which I have gained understanding. The presence of these talents will benefit me in the professional sector that I have chosen, as well as provide me with job chances inside that industry.

* + Describe your strengths as a software developer.

As a developer, two of my strengths are my ability to work rapidly and pay attention to detail. I can also focus on the specifics. One of my strengths is my ability to think creatively and solve problems for myself. At the same time, I like working both alone and together with others.

* + Identify the types of roles you are prepared to assume in a new job.

Some of the jobs I am ready to take on in a new career include engineer, full stack developer, and cloud-based application developer. I'm also open to take on additional roles.

* Planning for Growth: Synthesize the knowledge you have gathered about cloud services.
  + Identify various ways that microservices or serverless may be used to produce efficiencies of management and scale in your web application in the future. Consider the following:

Microservices enable the fragmentation of big systems into smaller, more manageable programs. If you ever need to make changes, this will make it easier for you. Serverless management is a kind of management that eliminates the need to maintain any servers at all.

* + - How would you handle scale and error handling?

To keep track of everything, I would monitor how well the program performs in order to control scalability and error. This would help me keep track of everything.

* + - How would you predict the cost?

A cloud pricing calculator is something I would use to estimate the cost.

* + - What is more cost predictable, containers or serverless?

Containers, in my opinion, are the most predictable since their cost is determined by the resources used. This is the reason I believe containers are the most predictable object. Computing that does not need a server is reliant on the requests that are handled.

* + Explain several pros and cons that would be deciding factors in plans for expansion.

Despite the fact that I don't have a clear plan for what I want to do after finishing my undergraduate degree, I want to continue my education and pursue a master's degree in cybersecurity. I'd want to look into the many internship opportunities available to me at the moment in order to pass the time till I find a job that is relevant to my industry.

One of the disadvantages is that you should not do anything and instead sit about and watch time pass. Even while working or seeking a job, it is completely irrelevant.

* + What roles do elasticity and pay-for-service play in decision making for planned future growth?

Elasticity and pay-for-service practices are two tactics that I would use to reduce the overall cost of the web application to its lowest potential level. There is one more thing I would want to do: keep track of the total cost of the application.