Chris Blair

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CS-470

Experiences and Strengths: Explain how this course will help you in reaching your professional goals.

This course will help me in my professional career because at my current job we use AWS for many different services. This course has helped me understand them to a greater degree.

What skills have you learned, developed, or mastered in this course to help you become a more marketable candidate in your career field?

I have learned about cloud development. Angular, AWS S3 and Lambdas, and how to connect docker compose services together.

Describe your strengths as a software developer.

I believe I am a good problem solver. I have almost 6 years of experience as a professional in the industry as of this assignment. I can communicate with others and help them solve problems together as a team.

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

I am currently a tech lead at my current role. I take on larger/platform wide features as well as help others with their tasks and issues they may face.

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:

How would you handle scale and error handling?

Error handling should be 1. Displaying readable messages to the user on the frontend, and 2 make sure monitoring and tracking is set up for errors.

How would you predict the cost?

I would use the AWS price quote system to estimate the price of a given stack.

What is more cost predictable, containers or serverless?

I think containers are the most predictable, because you can choose how you want to scale and if you even want to. Serverless auto-scales so you might run into a big price spike if you get a lot of users all of a sudden.

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

Paying for service means you only pay for the services you use, this is good at first, but you may reach a point in growth where paying for each service may become actually more expensive. Same thing for elasticity, it can be really good at first to auto-scale based on usage, but if you reach a threshold for users where it no longer makes sense to auto-scale, you may want to look into alternatives.