Scotty Intondi

CS-470 Final Reflection

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YouTube Presentation: https://www.youtube.com/watch?v=gJRJEVGQRxM

Experiences and Strengths: In CS 470, I gained essential skills in full stack development, including API design, cloud deployment, and DevOps practices. These experiences have made me a more competitive candidate in the tech industry, enhancing my problem-solving abilities, adaptability, and collaboration skills. I am prepared for roles such as Full Stack Developer, Cloud Solutions Architect, and DevOps Engineer.

Planning for Growth: I plan to leverage microservices and serverless computing to enhance efficiency and scalability in my web application. I would implement auto-scaling features for scaling, and for error management, I'd use structured logging and monitoring tools.

Cost Prediction: Cloud cost calculators and monitoring resource utilization can help predict costs. Serverless options generally offer more cost predictability due to their pay-for-use model compared to containers.

Pros and Cons: Microservices provide scalability and fault isolation but increase complexity. Serverless reduces operational overhead but may have cold start latency.

Elasticity and Pay-for-Service: These concepts are critical for managing workloads effectively and ensuring cost efficiency, guiding my decision-making for future growth. Overall, my knowledge from CS 470 prepares me to adapt and thrive in a cloud-driven environment.