

Nick Markel

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CS 470 Final Reflection

[hDps://youtu.be/u\\_OOhocHiaY](https://youtu.be/u_OOhocHiaY)

- **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?
    - In this class, I learned how to move a web application to a cloud-based application.
  - Describe your strengths as a software developer.
    - As a software developer, my greatest strength is troubleshooting. I thoroughly enjoy finding bugs and researching them to correct the problem.
  - Identify the types of roles you are prepared to assume in a new job.
    - I am prepared to tackle any role in any new job. With my love of troubleshooting, I will be able to learn any new role that I may come across.
- **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:
    - I would handle scale and errors by consulting the literature from which the systems are derived. I would predict cost by listening to the scaling plan of the

company and estimating the amount of processes that would take. Then I could research the cost of such processes. Containers are more cost predictable as you have more control over the containers and their content.

- Explain several pros and cons that would be deciding factors in plans for expansion.
  - Several deciding factors that would be a pro when deciding on expanding would be the amount of traffic that could visit your application. A con would be the increase in cost that would have to be paid for the expansion.
- What roles do elasticity and pay-for-service play in decision making for planned future growth?
  - Elasticity and pay-for-service are key roles in deciding future growth. An elastic application allows an application to scale more easily. Paired with pay-for-service, a program can be easily grown to handle more traffic in the future.