

CS 470 Final Reflection

Southern New Hampshire University

Stephen Blackburn

Presentation Link: <https://www.youtube.com/watch?v=bv-NYJPEF58>

Experiences and Strengths

In CS 470 Full Stack Development II I have learned how to take a full stack application and move it to AWS cloud by using S3 buckets, Lambda functions, DynamoDB and Gateway API. This process will help me with my AWS Cloud Practitioner certification that I had been studying for before starting this class. This will be one of many AWS based classes as I plan to eventually get my AWS Certified Developer certification as well. The main strength I have as a software developer is the ability to adapt to different programming languages and environments. The key to successfully do this is to know the basics or some in a few programming languages and take what was learned and apply it to another language. Full stack is a little difficult as there are many moving pieces, but it is challenging and exciting to learn. I have been studying on other platforms other than school different types of roles such as Python development, traditional full stack, and Java. I am assuming I will be most prepared for web development as I am working on cloud certifications and Python and Java can also be used in the field.

Planning for Growth

Using cloud services in the future is an efficient and effective way to scale web applications. Once I discovered AWS, I instantly liked it by how use each function is to use and the plethora of documentation. If I were to create my own serverless application I would probably start with containers until there was enough traffic to move to AWS. Containerization programs would be cheaper and more effective at the start, but AWS can make scaling fast and cost efficient, depending on how you use it. Containers can be more predictable in cost as you are paying a subscription, but AWS lets a user pick there tier and notifies the developer when a certain percentage of the budget is used, so overall they are both great and Amazon's ease of use makes it worth it.