Gregory Greene
CS 470, SNHU
10/19/2023

CS 470 Final Reflection

Throughout this course, I have developed skills and knowledge around Amazon AWS, API gateways, Lambda, Docker & Docker Compose, S3 buckets, and DynamoDB. I have gained experience working with cloud development and used Docker for containerization and to simplify application management. I also gained a better understanding of roles, policies, and the importance of security and defense in depth. Going forward, having a security-focused mindset will allow me to be a more efficient developer and lower the risk of any type of attack or data breach. Another major topic covered during this course was serverless systems. I now have an understanding of the advantages of a serverless system over a traditional one. A serverless system has many benefits for developers including scaling, and storage management, and many offer pay-for-use service plans which are typically cheaper depending on the project size. Major deciding factors when choosing the type of system to use would include storage needs, expected user traffic, cost, and scalability. As storage becomes larger and easier to manage through cloud services, I can see serverless systems taking over popularity in the coming years.