Milestone Four

Computer Science Capstone

Cleveland Carbon

Sunday, June 5, 2022

Databases

This artifact is a web application that connects to a database that houses information for an animal shelter. A user can browse the site for dogs that can perform certain rescue operations. This was created last year in my CS-340 course.

I included this artifact because it calls for a database that contain data for an animal shelter that provide rescue operations. The component that showcases my skill is the ability to secure data in transit.

I have met the planned enhancements that were mentioned in Module One by providing a secure environment for the application and database.

The most difficult part of this enhancement was doing research and finding out that there are enterprise solutions that can perform the same task. I found that code can be written that uses Explicit Encryption in Python for providing a way to secure the database data at rest and in transition.