**Reflection: Dockerizing the QR Code Generator Application**

In this project, dockers and how to take a Python application and package it inside a container so that it can run across other platforms. I wrote a Docker file using python image then went ahead and added security by creating a non-root user. To then configure the directories for logs and QR codes. I verified that the container ran and built successfully and generated QR codes.

After that, I pushed my Docker image to Docker Hub and automated the process with GitHub Actions. Using the workflows and of course making my tokens secret by using repository secrets to store my credentials securely. Seeing the workflow succeed was a big deal since it took some time to get it running and was very hands-on experience with CI/CD and secure deployment. Overall, this assignment helped me understand containerization, security best practices, and automation in real-world DevOps workflows.