**Professional Self-Assessment**

Finishing the Computer Science program and putting together this ePortfolio gave me a solid chance to reflect on everything I’ve learned and how far I’ve come. This portfolio isn’t just a bunch of school projects, it’s proof of the skills I’ve built, the goals I’ve set, and the kind of developer I’m becoming.

Throughout the program, I tackled all kinds of projects that helped sharpen my problem-solving skills and taught me how to break things down and build them back up more efficiently. The more I coded, the more I realized I enjoy the process of figuring things out and creating systems that actually work and make sense. All of that helped shape my goals and made me even more focused on getting into the tech industry with confidence.

**Working Independently and Communicating Clearly**

Even though I didn’t work on group projects during the program, I got really good at managing my own time, staying organized, and communicating clearly through my code and documentation. Whether it was through writing detailed comments, explaining my thought process in assignments, or walking through my logic in class submissions, I made sure my work spoke for itself. That kind of clear communication is something I know is just as important on the job as the code itself.

**Data Structures, Algorithms, and Software Development**

One of the biggest things that stuck with me was how powerful the right data structure or algorithm can be. Whether it was building hash tables, linked lists, or sorting algorithms in C++, I saw how performance can shift just by choosing the right approach. I also learned how to design and build full programs from scratch using proper software engineering practices. That includes setting up clean architecture, keeping code modular, and running tests to make sure everything holds up.

**Databases and Security**

I spent a lot of time working with databases too, using tools like MySQL and PostgreSQL and tying everything together with backend code in Java and Spring Boot. I also made sure I understood how to keep things secure, whether that meant setting up user authentication, avoiding injection flaws, or scanning for vulnerabilities with OWASP tools. Security is a must in today’s tech world, and I take that seriously in all the projects I build.

**What This Portfolio Shows**

The project featured in this portfolio pulls together everything I’ve learned throughout the program. It highlights my ability to code efficiently, use proper data structures and algorithms, build secure systems, and connect the front end to the back end using solid software engineering practices. From handling user authentication to designing and managing data flow, this project shows how I can bring multiple concepts together into one complete solution.

It’s a strong representation of where I’m at as a developer. It shows I’ve put in the time, built the skills, and that I’m ready to keep learning, growing, and applying what I know in the real world.