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Self-Assessment

Completing the Computer Science program at SNHU has helped me grow as a developer and better understand the software development lifecycle. Through this capstone, I created a professional ePortfolio that highlights my progress and skills, especially in full stack development.

I chose to enhance a Contact Management System I previously built in CS320 Software Design and Engineering, I replaced the original Java-based system with a full-stack React and Node.js application. I focused on creating a clean interface and reusable component. For algorithms and data structures, I added dynamic filtering and sorting, allowing users to search and organize contacts efficiently. For Databases, I implemented a MongoDB backend with full CRUD functionality, input validation and real-time updates.

These enhancements helped me demonstrate my ability to write efficiently and learn how to secure and maintain code. I also learned how to organize a complete project with both frontend and backend, connect it to a database, and improve the user experience. Creating the ePortfolio allowed me to reflect on these improvements and present my work in a professional manner.

This project helped me strengthen my problem solving, communication and technical skills. It also showed how far I have come since starting the program. I now feel confident applying for software development roles with a portfolio that show what I can do.