

# Certified

## Weekly Report 23: 2/22 - 3/22

The work in software development can really be broken down into two different subsections: traditional programming and specialized technical programming. With a regular college degree in computer science, the best someone can generally land is a job with traditional programming and in order to delve into specialized technical programming, it is incumbent that one get certifications.

This past week I had the opportunity to discuss the ideas of obtaining certifications in the software development industry with my mentor, Mr. Trey Blankenship. In doing so, the future for pursuing a more technical career in a field that is more interesting is promising with this newfound knowledge.

One of the major challenges of getting certifications that were discussed was the idea of ever-changing technology. Just a decade ago, most corporations would have to manually scale their applications. However, because of new technologies like Docker, scaling has essentially been automated. This was a point of personal growth as a software developer because it showed that getting these certifications is not just a one-time thing but a lifelong venture as technologies are always changing and being updated. This will certainly prove to be valuable knowledge going forward because it will ensure that the certifications I do pursue will be up to date and relevant with current technologies. Additionally, this has been beneficial preparation for future endeavors in college as these certifications are highly valued by professors.

Reflecting for the future, the knowledge gained from certifications will prove to be helpful in both personal projects and professional projects. In fact, this is already being seen as an internship I am in where containerization and technologies that have certifications are being very widely used which only indicates more promise for the future.

