**CHAPTER 4: LEARNING EXPERIENCES**

## Knowledge Acquired/Skills Learnt

* + - An internship undoubtedly is the most important aspect of any engineering. The type of experience, I have gained could not have been possible in the classroom. This internship has helped me be confident.
    - Overall, it was a wonderful experience and a golden opportunity to analyze my strengths & weaknesses. My strengths are keeping up with the challenges and finishing work on time. I loved my work and thus I was not hesitant to give myself as much as time the company needed from me. I worked around 5-6 hours for the company diligently and efficiently which I consider my strength. I was sharp in conversation and there was no instance when my mentor couldn't get it and which he to appreciate.
    - I would like to improve my written communication. Plus; I used to get into too much detail about the topic and unnecessarily deviate, which I would like to improve upon. also learned and improved myself over the point that the job given is much more important than my own learning.

## Industry Practices Adapted

* + - Everyday Notes Diary
    - Verbal and Written Communication
    - Help Where the company needs you
    - Scalability of programs
    - Guidelines and coding standards

## Realtime Applicability of Technologies Learnt

* + - Node.js provides scalability to increase the availability and tolerance to real-time app failure. As a result, Node.js has become one of the best programming languages to build real-time apps due to its event-driven and asynchronous nature.
    - Node.js is primarily used for non-blocking, event-driven servers, due to its single-threaded nature. It's used for traditional web sites and back-end API services, but was designed with real-time, push-based architectures in mind.