LP stories:

1. There were trade errors which were misleading to the customer.

To eliminate the errors.

Checked the logs in datadog and saw the error details. Checked around the code. The logic had to be rearchitected and rewritten

After that the trade errors were reduced by 99%. Received this feedback from the end user and optimised the latency time by 20%

1. The development team had an upcoming project in Angular and they lacked expertise and struggled to make progress.

Even though, it wasn’t my primary responsibility, I decided to help them as I have an extensive experience with Angular.

I began taking out 2 hours of my everyday off hours to help the team and helped them understand the technology.

As a result, they started gaining confidence and were able to deliver the project on time. All of this happened without hampering my deliverables

1. During the past experience, there was a PR submitted to me of one of my colleagues

This PR wasn’t up to the mark and did not have enough code coverage, etc

I made it a point to explain him and guide him on how to do it with good code coverage and debug it

As a result he was able to effectively provide to the project and the team could pull in more work and the work intake increased by 15% and the deliverables were also more concise with lower errors

1. There was a new requirement of WPF(windows tech) instead of using the traditional web based applications.

I had to learn new technology and also deliver it as the time comes.

I started watching tutorials and learning the technology by taking out extra hours from my routine. I also helped my teammates with regular sync ups and brought them on the same page.

As a result, the whole team of 15 was now well verse and we were able to deliver the project in time along with the proper code coverage and thorough testing.

1. I was assigned the lead for a team project as I had good communication with the client. I always made it a point to listen their requirements and needs carefully and make notes of this.

Due to this, my manager trusted me with the entire project takeover and I guided the QAs and fellow developers with good insights that helped them achieve and learn better.

Due to my guidance, the team progressed successfully with better performance and happiness score improved by 15%.

Every new candidate or trainee/intern were also sent to me to understand the overall project better

1. During the previous project, there was a dilemma to choose between frameworks.

The task was to decide which one to implement for the project

I did extensive research, regarding scalability, future enhancements, reusability and the run times which was better by 20% in cost as it was also opensource

The management didn’t agree even though it was quicker. We went ahead with the other development and did well.

Here they did not agree as the end users were not used to such systems and during the rewrite they needed something that the end users were familiar with.

1. **Situation:** Our customer-facing application was experiencing significant slowdowns during peak usage times, affecting user experience and satisfaction.

**Task:** I needed to identify and resolve the root cause of these performance issues to ensure smooth operation during peak times.

**Action:** I analyzed application logs, server metrics, and user reports, identifying specific database queries as the culprit. I optimized these queries and adjusted database indexing, followed by extensive load testing.

**Result:** The application’s performance improved significantly, with average response times decreasing by 70%. Customer satisfaction scores increased, and user feedback was positive.

1. Important: **Situation:** My goal was to lead a project to migrate our legacy system to a new cloud-based infrastructure within six months. This was a critical project aimed at improving system performance and scalability.

**Task:** I was responsible for planning and executing the migration, ensuring minimal downtime and a smooth transition for users.

**Action:** While the project was completed on time, I realized that I had underestimated the complexity of the data migration process. This oversight led to several unexpected issues during the transition, requiring additional time and resources to resolve.

**Result:** Although the migration was ultimately successful, the project encountered more downtime than anticipated, and user disruption was higher than I had planned for. I learned that more thorough planning and risk assessment were needed, especially for complex tasks like data migration.

**Improvement:** To improve, I would conduct a more detailed initial analysis of the data and system dependencies. Engaging more stakeholders earlier and performing extensive testing in a staging environment would help identify potential issues beforehand. This proactive approach would likely have reduced downtime and user impact, leading to a smoother transition.

1. **Situation:** I was managing a project to launch a new mobile application for our company. Two months before the launch, our lead developer left the company unexpectedly, leaving us short-handed and behind schedule.

**Task:** My task was to ensure that the project stayed on track and was completed on time despite the sudden loss of a key team member.

**Action:** I quickly reassessed our project plan and identified critical tasks that required immediate attention. I redistributed these tasks among the remaining team members, taking on some of the development work myself. Additionally, I expedited the hiring process to bring in a temporary contractor with the necessary skills. I also implemented daily stand-up meetings to closely monitor progress and address any issues promptly.

**Result:** With these adjustments, we managed to get back on track and launched the mobile application on the originally planned date. The launch was successful, and the app received positive feedback from users. We achieved our key goal despite the significant obstacle.

**Reflection and Improvement:** Reflecting on this experience, I realized the importance of cross-training team members to handle critical tasks. This would have mitigated the impact of losing a key team member. In future projects, I would ensure that knowledge transfer and documentation are prioritized to build a more resilient team.