Priya was part of Middle Office Team (Cash Equities), Equities Securities Services Tech from August, 2017 to May 2018. She primarily worked towards the development of Middle Office Gateway App (MOGA) – real-time validation, enrichment and aggregation of FO orders and Allocation Services Project.

Priya was instrumental in the following:

1. Working and Collaborating with 70 employees in a global team spread across 3 locations and 6 cities.
2. Rolled out MOGA for Japan-QPB, capable of real-time processing of 3,000 orders per second.
3. Removed the instance-specific dependency of the MOGA app, provided cost benefit of --- eliminating the Veritas cluster and bringing down from around 15 instances across 4 regions to a single horizontally-scalable instance based on performance and load, capable of handling 5x volumes.
4. Priya was the point of contact from MOGA for 3 other teams, collaborated with them for the required contract of merging criteria between applications.
5. Implemented the module for merging orders of clients triggered by a single command as opposed to earlier method of invoking 100+ jobs.
6. Conceptualized and implemented the replay mechanism for handling 300,000 failed orders per day to avoid order loss.
7. Assured zero downtime and seamless failover of the application by implementing dependency monitors for MOGA, insuring uninterrupted heart-beta of the application.
8. Re-architecture and re-writing of the legacy allocation service project in a team of 3 developers to handle 4x allocation volumes, reduced allocation processing time by 85% and from 10 different deployment processes to a single deployment.
9. Incorporated real-time metrics for live performance monitoring, reducing support queries by 15%.
10. Generated recon report comparing around 80 fields of 100k processed allocations daily thus, identifying 15-20% issues, easing the process of decommissioning the old Allocation Service project.
11. Achieved the organizational goal of retiring a method of deployment globally across Citi by Single-handedly migrating an application across 4 regions to advanced forms of deployment, improving the deployment time by 98%.
12. Implemented engineering excellence tools – continuous integration and single-click deployment to maintain the MDS scores of 5 applications in Middle Office required as per Citi standards to continue development and deployment.