

Engineer - US

Organization: Sr Engineering Manager - US (Angeli Corral)

Manager: Angeli Corral

Location: 0591 HQ Target Northern Campus

Evaluated By: Angeli Corral

01/31/2021 - 01/29/2022

Overall**Manager Overall Evaluation****Comment:**

This year, Abdul transitioned from being a TLP to an L4. Abdul's key contributions this year were taking point on the VELA migrations, creating a real-time streaming pipeline for a VBA metric, creating template apps that helped show real-time data on Houston VBA Backlog Monitoring tool and building the team's Slack Bot that helped the team do support. Abdul is a fast-learner and also thrives in the fast-paced nature of team Axon. In the process, he learned a whole bunch of technologies and was able to apply his learnings to his deliveries. A few technologies include Kotlin, vela, Python, Slack, Kafka Streams, PostgreSQL. Abdul is also not afraid to take on challenging tasks to expand himself. Even though he is relatively new to the team, he showed eagerness to learn production support and was a reliable resource for the team during peak support.

Abdul is also easy to coach and mentor as he is a self-starter. He only needs to be shown the way and he will pick up fast. Something he can improve on is putting more time on thinking solutions through before execution. While failing fast is okay, gaining prior thoughtful design and understanding of the problem-solution helps create a more robust solution. Another thing that Abdul can work on is understanding more optimal ways of implementing solutions. Learn about code design patterns and data structures. Learn about anti patterns and code optimizations. Also, take the time in learning more about the domain to get a big picture understanding. Abdul's growth has been amazing and it's exciting to him expand and diversify his knowledge.

Team Member Overall Evaluation**Comment:**

This year at Target has been one of growth. I have been fortunate to work alongside people that wish to help me accomplish my goals and grow in this field. I am proud to say that I have completed final placement establishing my place as an official L4 engineer and was able to join the FPC team. While on the FPC team I took part in many key projects that bring value to Target with below being just a few.

Accomplishments of note:

Produce Team Slack-bot:

- Held team discussions to formulate the functionality of assistance bot
- Revised plans in accordance with target guidelines
- Implemented bot functions through python scripts
- Demoed the bot to multiple teams and business leaders
- Bot is used to display store metrics for tech director

Create Template Apps:

- Created 2 apps with reusable functionality
- DB app logs data from kafka topics into a database
- Access app displays database queries in Json for format
- Apps can work in tandem or separately
- Apps can be reconfigured and deployed without code changes
- There are 4 instances of apps used by Lead Business Partner

Create an api that produces real time metrics:

- Learned Kafka Streams technology to implement this api
- App uses Kafka Streams to transform data in real time
- As messages flow in, the app transforms the data and logs numbers into statestore
- The metrics are used on a daily basis by store managers

Vela Template:

- The template is written for reliable api deployment on vela
- The template works by including one file into the api files
- Includes variable fields for more control
- The template is now used in all the teams major apps

Completed Goals:

- Join a data management team with a fast pace nature
- Learn another coding framework
- Create an api that uses data aggregation
- Create reusable apps with value for the team
- Help the team with on call rotation over peak

Overall this year is one that I can be proud of. I learned new techniques, helped my team when ever able, and completed many of my goals. Looking ahead I will focus more on becoming a key member of the team. As we are going through a restructuring I wish to take advantage of this opportunity to be knowledgeable of our various important aspects to better help my team and Target as a whole.