**What are the day-to-day activities?**

I am a Senior Core Java Developer. Let me give a brief about project. I am working on the project Data Ingestion Platform. Currently Walmart has 1 millions items available online. Now we are adding more partner/sellers/3rd party merchants and their items. So this projects picks the bulk of product items and updates the inventory. The various operations can be

* Ingesting new items
* update on existing items
* shipping information about item
* cancelling of item
* get order details
* get released order details etc…

**All these operations are based on sellers point of view and not customers point of view.**

* I expose and maintain Rest Services for the above endpoint.
* For the Ingestion of Items
  + I will get an item file as input.
  + There will be 1000 or more items in a file.
  + The item will be parsed and loaded as objects and placed in Apache Kafka.
  + There would be multiple consumers who will read the individual items and store it in inventory.
  + The status of the item will be updated in Cassandra.
  + Kafka is used to reduce the bottleneck and distribute the processing into multiple systems.
* For the remaining APIs,
  + I will be getting an JSON.
  + The JSON is validated against XSD.
  + If the validation is success. The Rest Controller will receive the input.
  + Then input will navigate to Façade Layer.
  + The transaction will begin at Façade.
  + One or more services or integration layer or DAO layer is called will be called from façade.