My name is Nagendra I am working as a senior software engineer in Mphasis company,

I have 5+ years of experience in java development and my technical skills are

Spring framework, spring boot, JPA hibernate, jms, restful webservice using spring boot and also have 1 year of experience in microservice and spring cloud tools like (**Config Server, Service Discovery (Eureka), Circuit Breaker (Hystrix), Routing (Zuul), Client-Side Load Balancing (Ribbon), Rest Client (Feign) and Distributed Tracing (Sleuth with Zipkin), Spring Cloud Bus**)

Currently I am working FLAGS (Fedex Location and Geography Service) project, early this project developed in mainframe technology,

Now we are migrating to java.

Due to license issue for reduce cost of data bases Sybase, db2, client decided open source technology.

flags is logistics-based application.

The main aim of this FLAGS is that, it is an enterprise application, to create geographically based on locations for shipping the packages from origin to destination as reduced transit and delivery time.

In FLAGS project contains multiple modules.

* Transformation.
* Maintenance.
* Access.
* Commit and transit.

**Transformation Module:**

The main goal for Transformation is to develop software that will transform data from/to legacy sources. This includes the initial seeding of the FLAGS data tables.

**Access:**

The FLAGS Access domain will provide web services that will expose this data to the enterprise, FedEx clients will call the FLAGS web services to receive FedEx geographical data.

**Maintenance**

FLAGS will contain maintenance screens that will allow SAA (Service Area Administration) to create, read, update, and delete geopolitical and FedEx geography data.

**Commit Module:**

Once the package booked, delivery date and Time has been calculated based on the whether the shipment is for Domestic or International. For Domestic delivery date and time calculated based on  Days, while for International calculated based on Calender.

**Transit Module :**

This Module explains about that , the shippement of package status until it reach the Destination.

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**The transit application determines how long it will take to ship a package from one place to another and the commit time for delivery, application like take measurements throughout the process to provide tracking and validate quality of service.**