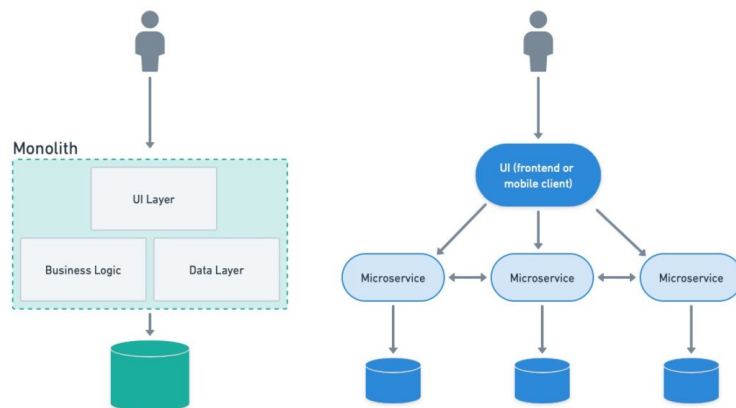
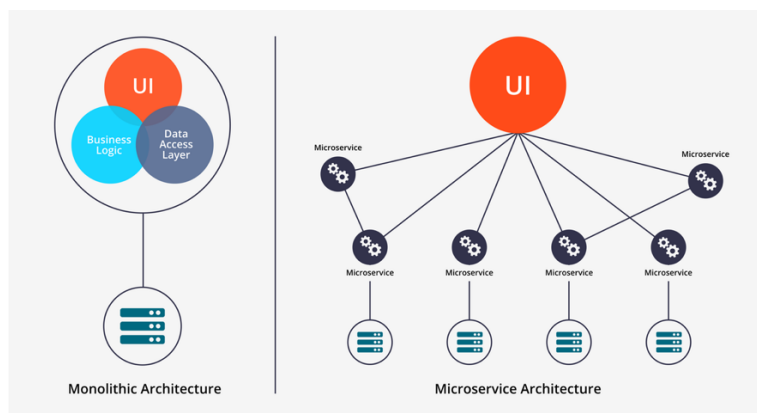
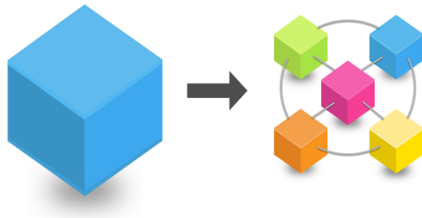


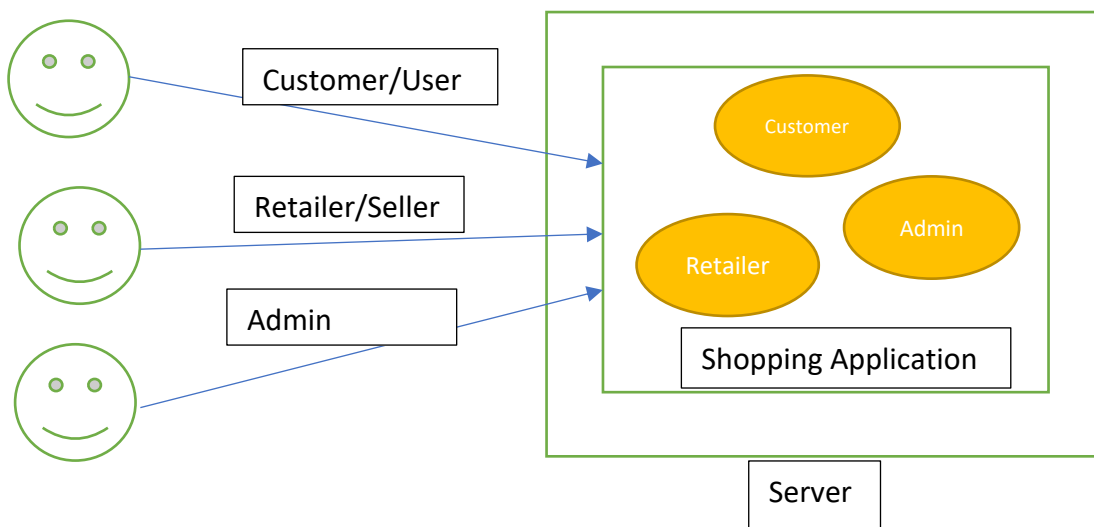
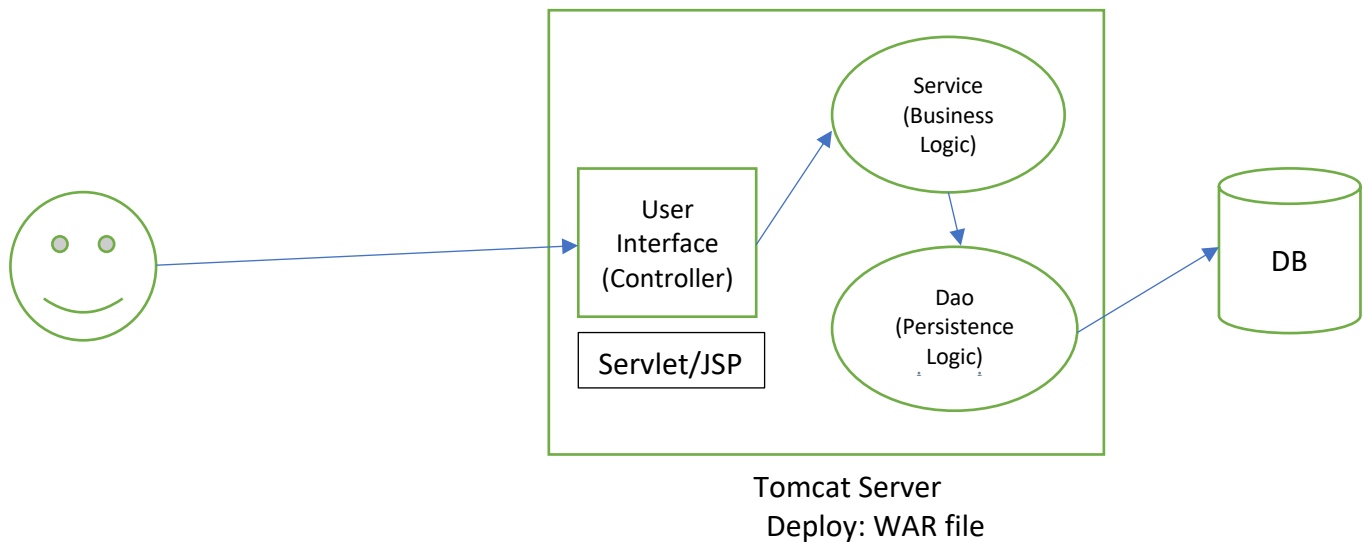
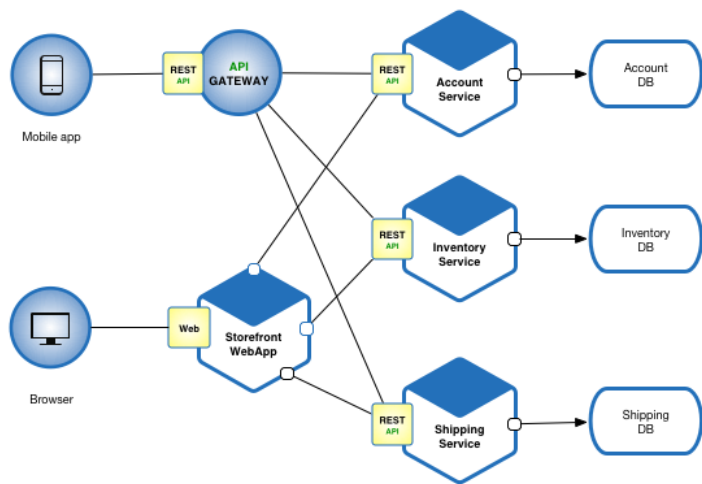
Pre-requisite:
REST API Development

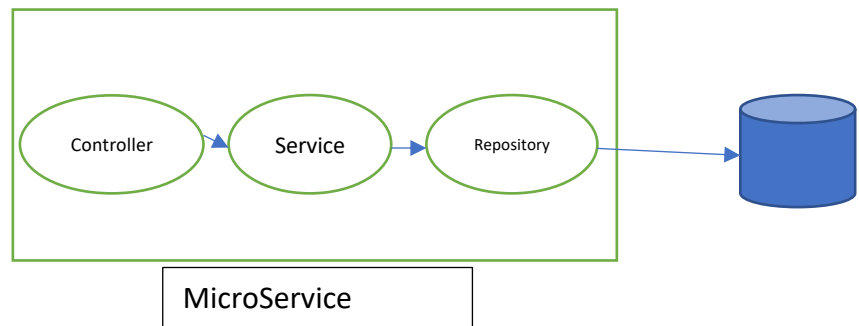
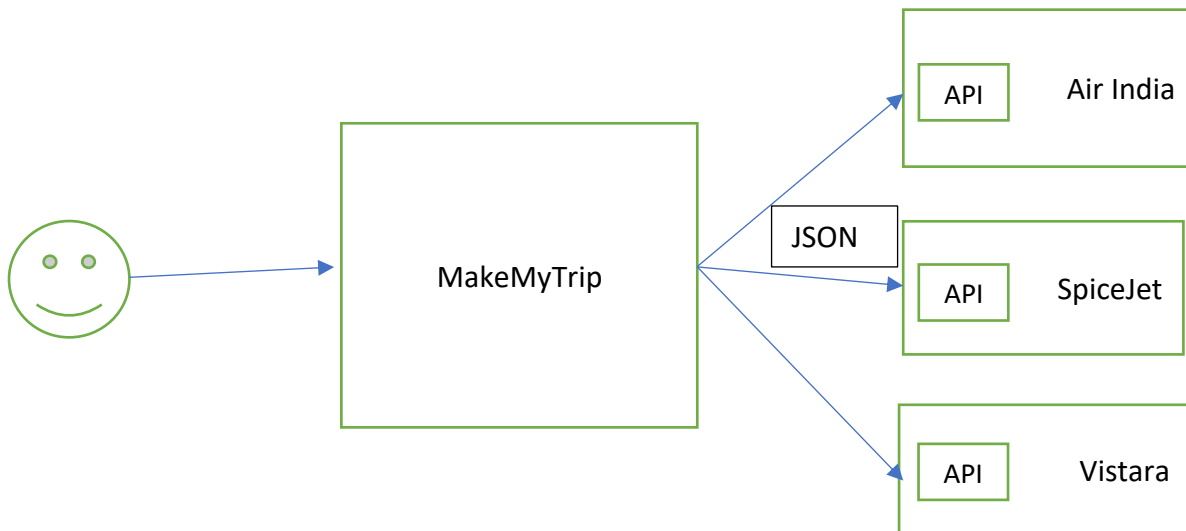
Microservices architecture

- Modern software development technique in which an application is broken down into parts and each part is developed independently

Monolithic **Microservices**







TODO:

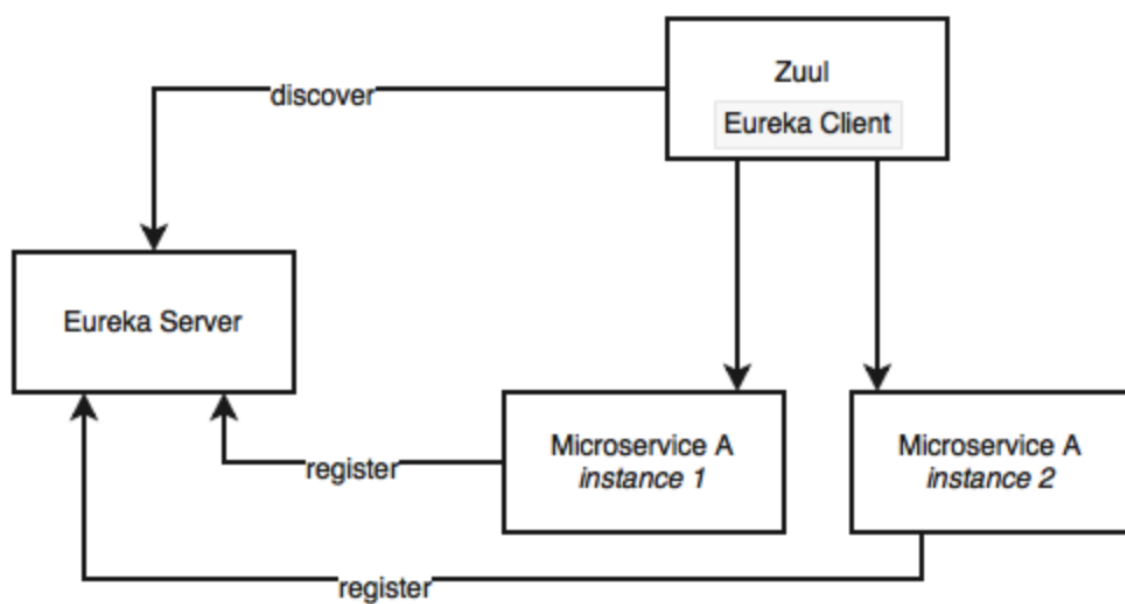
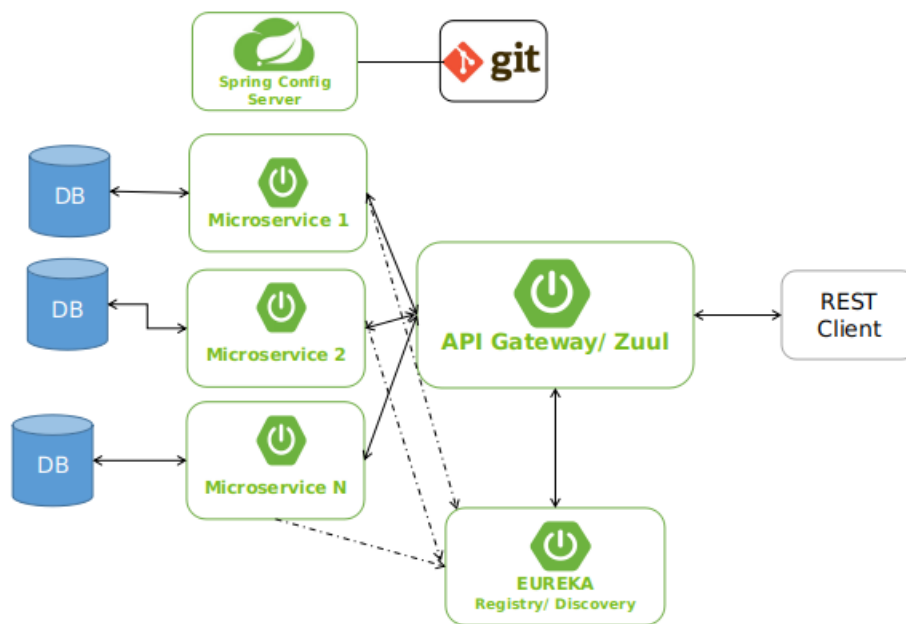
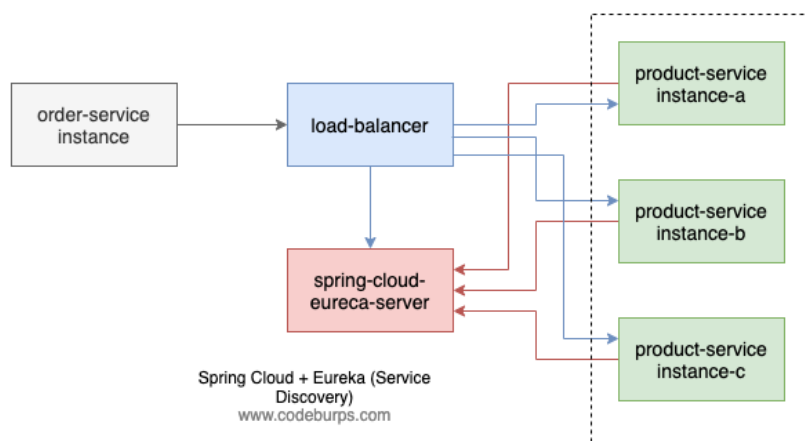
- When working on Microservices we come across services like:
 - o Service Registry & Discovery (ex: Eureka)
 - o API Gateway (ex: Zuul)
 - o Circuit Breaker (ex: Hystrix)



Service Registry & Discovery

How can the client know which instance to connect to?

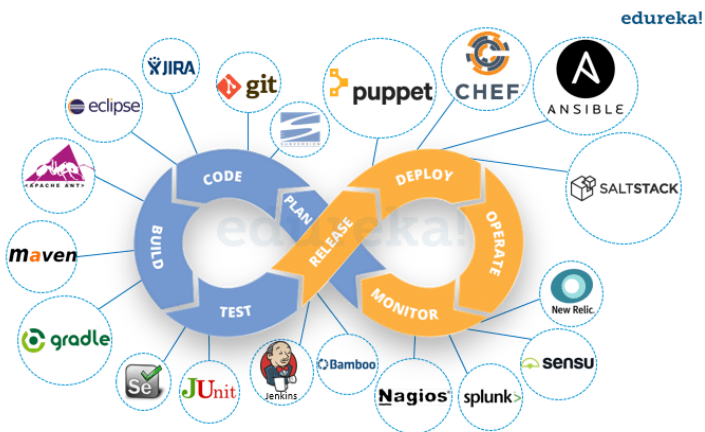
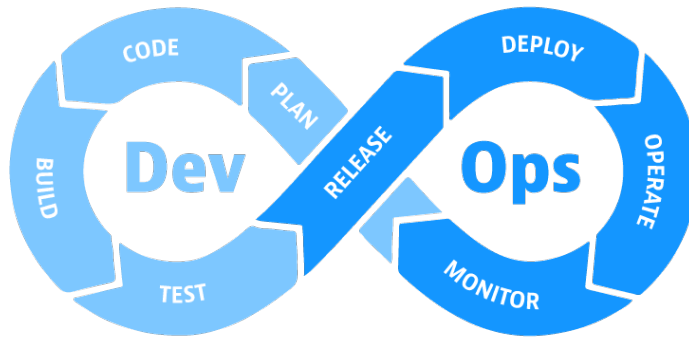
- We need someone (Service Registry & Discovery Service) who will keep track of current available microservices and their IP address



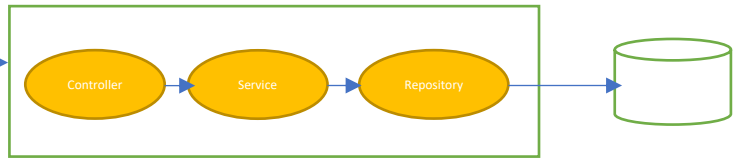
Serverless architecture

Cloud computing

DevOps



Flight Management Microservice



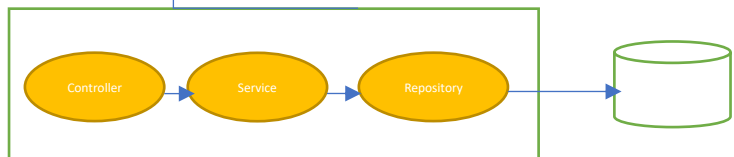
API of our Flight Management Microservice

GET : /flights/{source}/{destination}/{date}

GET : /flights/seats-available?flightNo={flightNo}&travelDate={travelDate}&noOfSeats={noOfSeats}

POST : /flights/block-seats

Flight Booking Microservice



API of our Booking Microservice

POST : /book-flight

