 **Stock Listing App Architecture** 





Deployed in Ec2 Instance

User Profile

Deployed in Ec2 Instance

Register

Register

Eureka Server

CICD Pipeline

Kafka

CICD Pipeline

Config Server

API Gateway

Angular/React

JWT

Authentication

Validation API End REST Api Login Endpoint

MySQL/ MongoDB

MongoDB

Stock Service



Get Stock



Wishlist Service

Wishlist Stock



|  |  |
| --- | --- |
| **Microservice** | **Database** |
| User Profile | MySql |
| Authentication | MySql |
| Stock Service | External Api |
| Wishlist Service | MongoDB |
|  |  |
|  |  |
|  |  |
|  |  |

Microservices Decomposition

**Data Flow Diagram**

Get Stock Details

Wishlist Stock Details

Login

Register

Authentication Service

Wishlist Service

Stock Service

User Profile

RabbitMQ/Kafka

MySQL

MongoDB

External Api

MySQL