

# Project Explanation for Interviews:

Note: Must explain about project at least 20 minutes.

- Q) Can you explain about your work experience?
- Q) Explain about your current Project?
- Q) Can you explain your current project Architecture?
- Q) Tell me about your Role and Responsibilities.
- Q) Which methodology is used in your current project?
- Q) Tell me about what are services there in your project?

**I am including this all-in project explanation:**

1. Experience:
2. Skills:
3. Responsibilities.
4. Architecture:
5. Service names:
6. Your worked on:
7. Project description.
8. Features:
9. Challenges:
10. Application Flow/code flow:
11. Technical Flow with linking all Concepts:

## **1. Experience:**

I have 2+ years of experience as a Java backend developer.

## **2. Skills:**

Core Java, Spring Core, Spring boot, SQL.

## **3. Responsibilities:**

- a. Involved in user requirements gathering and prepared the software functional activities.
- b. Followed Agile methodology to develop software functional requirements.

- c. Developed user stories and prioritized features based on customer demand.
- d. Worked on migration of java 1.8 to java 11.
- e. Worked on migration of Spring application with XML configurations to Spring boot with annotation configuration.
- f. Involved in Spring boot application development and Integrated with Oracle Database.
- g. Involved in Debugging and analysing code flow.
- h. Developed Junit test cases and Resolved SonarQube blockers.
- i. Involved in Development of Restful webservices and integrated with other services.

#### **4. Architecture:**

My current project developed by using Microservices architecture. It has few services are there.

#### **5. Service names:**

- a. Admin Service
- b. User Service
- c. Dashboard Service
- d. Web Service

#### **6. Your worked on:**

I am worked on web service module, developed few rest end points, added validation, exception handling, cache support to those rest end points and developed Junit test cases.

#### **7. Project Description:**

Working on ABC Project it is related to Banking Domain, by using this project we are processing transactions and filtering status like success, failure, pending transactions.

This project has two applications one is web portal and second is mobile application. It has two types of logics are their customer logic page and admin login page.

#### **8. Features:**

- a. free trial for seven days.
- b. Discount.
- c. QR Scan feature

#### **9. Challenges:**

- a. application slow response.

- b. QR Scan not working in mobile app.
- c. Junit are working in dev environment but production not working.

## **10. Application Flow/Code Flow:**

In ABC Project while customer login into Web module request go to customer module once successfully login your can-do credit, debit operations.

## **11. Technical Flow with linking all concepts:**

Request coming from browser API gateway take over request at API gateway level applied Security, rate limiter, routing then goes to service registry.

Service registry is nothing but here all services will register by using service ID API gateway calling individual services. If any service is interconnected with other service for that we are used Feign client.

All services common properties stored in Config service.

For Health checks used Actuators.

To achieve Data Inconsistency multiple modules used Saga Orchestration approach.

/\*\*\*\*\*THE END\*\*\*\*\*/