Introduction

Good Morning Sir /Ma'am, I'm **Nagraj Panchal**

I'm from Bidar Karnataka i have completed my graduation in Computer Science & Engineering

At Guru Nanak Dev Engineering College Bidar, i have 4 + year work Experience in IT field

My Role: - Software Engineer, Domain: - Banking, Project : - Accounts

In this project we have a different modules is accounts, Eligibility, Eligibility Rule, lookup, preference & payments.

→ Accounts Contains

-> Account Creation

-> Adding address, phone Number, PAN ... etc.

-> Once completed the account creation it will go to eligibility

-> In the **Eligibility** there are checking account holder did any bad or fraud transactions & they will check credit score.

-> Based on the above checks they will go to eligibility rule.

-> In **eligibility rule** contains different status RED, GREEN, YELLOW

RED -> They won't give account ID because of fraud transactions.

YELLOW -> Recently he has not paid like personal loans, home loans, credit card bills

GREEN -> The account will create successfully.

→ Preferences: --> based on his/her salary they will give some preferences like

-> They will Credit Card

-> Discounts or offers

→ Payments: --> Payment session we can transfer the fund from Account to Account, Account to different Account, Account to some other transactions

→ Technologies:-

1). Java 8 2). Spring boot 3). Rest Service 4). Micro Services 5). MySQL or Mongo DB

→Tools:-

1. Postman swagger -> Rest services testing
2. IntelliJ -> Development
3. Git -> Check in and checkout
4. GitHub / Bitbucket -> Code repository
5. Mockito -> writing unit test cases
6. Jacoco (Java Code Coverage)/ Sonar lint -> Code Coverage
7. Jira -> User story / issue tracking tool
8. Studio - 3t -> Mongo DB querying
9. Oracle Work bench -> MySQL Querying
10. Deployment (cloud) -> PCF (Pivotal Cloud Foundry)
11. CI / CD -> Bamboo
12. Maven -> Build tool
13. PCF -> Cloud plat form
14. Tomcat-> Server

→ Responsibilities:-

1. Checking mails
2. Checking assigned task or issue in jira
3. Created RESTful API's Communicate with third party Service using rest template.
4. Worked on RESTful project using JPA / Mongo Repository.
5. Writing unit test cases and it test cases using Mockito and wire mock.

6. Developing the REST based spring boot Applications & run those over cloud platform.

7. Experience of developing Micro services

8. Attending daily stand-up meeting, grooming sessions and scrum calls in a regular intervals

→Agile Methodology :-

1. We are following agile methodology, In this 10 days sprint

        8 days -> Development   2 days -> Testing

2. First day we will do analysis on the user story.

3. Next writing a business logic code.

4. After that writing unit test cases using Mockito

5. Testing in local whatever modified code in the user story.

6. Deploy the application / Project in PCF

Note:-

1. In Between we are daily attending scrum calls (15 min) followed by Technical discussion (1 hr)

2. Grooming Sessions

3. Refinement Calls

4. Retro under

        a. What went well in this sprint?

        b. What not went well in this sprint?

        c. What could have been better?

5. Sprint review (Demo on current sprint story to client).

→Spring Annotations:-

→A. Spring Core Annotations: 3 Types

        1. Stereotype annotation: under one

        @Component: under 3 Types

                1. @Service 2. @Repository 3. @Controller

        2. Auto wired Annotation: 2 types

                1. @Auto wired   2. @Qualifier

        3. Miscellaneous Annotation

                1. @Primary   2. @value   3. @Pre Constructor   4. @Post Destructor

                5. @Scope: -> @Scope under types

                1. Singleton   2. Prototype   3. Request   4. Session   5. Global session

→B. Lombok Annotation

        @Setter @Getter @Hash Code @AllArgsConstructor @RequiredArgsConstructor

→ C. Hibernate Annotation

        @Entity @Id @Table @Column @One to one @One to Many @Many to Many

→ D. Spring Boot Application Under one @Spring Boot Application

        1). @Configuration 2). @Enable Auto Configuration 3). @Component Scan

→ E. Rest Service Annotation

        @Rest Controller   @Request mapping   @Post mapping   @Put mapping

        @Get mapping   @Delete mapping   @Patch mapping   @Response body

        @Path variable   @Request body

→F. Exception under type

        1. @Exception Handler 2. @Controller Advice