CT Project Explanation in Interview

# How to put Project in your resume

Try to write below in your own words, and experiment with ChatGPT.

Java Developer Intern | HulkHire Tech, Hyderabad (02/2025) – (Till date)

**Stripe Payment Integration**: Developed **core payment system**. Did API integration with **Stripe** utilizing **Spring Boot** for rapid development, with **microservices**, and hosted on **AWS**. Worked in **Agile** team to effectively contribute to end-to-end **Stripe PSP Integration** like Design and development of **core** **payment processing system,** build **Payment Status Management,** integrating with **3rdParty Stripe APIs**, process **stripe notification**, building end-to-end **error handling system,** Spring Boot JDBC with MySQL. Building a **security layer** while integrating Stripe & notification processing. Implementing REST Apis standards in the project. Used **design patterns** to build modular systems. **Strong debugging & problem solving skills**. Got an amazing opportunity to explore and implement open source like **ActiveMQ for async integration**.

Responsibilities:

* Worked on day-to-day design & development of Stripe Integration using Java Spring Boot & Microservices.
* Did stripe integration document analysis, and finalized end-to-end integration approach with the team.
* Primary responsibility to build stripe-provider service which integrates with Stripe APIs, Create a Session, Retrieve a Session, Expire a Session.
* Build payment status tracking, to ensure 100% reliability of payments.
* Strong contributor in finalizing approach of core payment processing system
* Used Stripe Provided Auth Security Mechanism while integrating 3rd party Stripe REST APIs. And HmacSHA256 security while notification processing.
* Developed multiple error codes to handle system failures, and utilized spring exception handling to handle errors effectively.
* Building modular payment processing service & stripe provider service.
* Coded & unit testing stripe notification handling layer.
* Effectively applied design patterns like factory pattern, builder patterns, and effectively utilizing OOPs & design standards to design and develop modular applications.
* Worked with MySQL using Spring JDBC.
* Hands-on experience with AWS services like EC2, RDS, AWS SecretManager.
* Independently explored & integrated with ActiveMQ for async ecomm communication.
* Awarded STAR Performer of the Month, for delivering all tasks on time, and supporting the team to meet Sprint Deadlines.

Technology Stack Offered

* Programming Languages: Java
* Frameworks: Spring Boot, Spring Boot JDBC
* Microservices Architecture
* RESTful APIs: JSON, CURL, Postman
* Databases: MySQL (RDS)
* Version Control Systems: Git, BitBucket, SourceTree
* Build Tools: Maven
* Application Server: Tomcat
* Testing Frameworks: JUnit, Mockito, Unit Testing, Mocking, Code Coverage
* Cloud Platforms: AWS, EC2, RDS, SecretManager etc
* IDEs: Eclipse, DBEaver
* Async technology: ActiveMQ
* Agile Methodologies: Scrum, Agile Development
* Project management tool: Jira
* Logging, Debugging & Troubleshooting: Eclipse, Slf4J with Logback
* Performance Tuning | Design Patterns | Code Review | Data Structures | Algorithms
* Other tools: GSON, Lombok, Sonar Lint, Mobaxterm

How to explain the project in an Interview:

* Tell something about your project
  + We are doing a stripe payment integration project for Hulkhire Tech. Where the client App will integrate with our Payment System.
  + I work as part of core payment-processing & stripe-provider services.
  + I got chance to involve both in Design discussions, and developing critical parts of system.
  + *And say all key things which you wrote in Project Description*.
  + **I am so excited to be in IT, and right at the beginning I got a great learning. And I am really looking forward to join you, and give my best and everything.**
* When they ask about the Client APP. Hulu Hire Tech has its own product (hulkHire.com), which is an AI based assessment platform. For making payments on their platform, they will integrate with our Stripe Payment Project.
* You need to be strongly prepared on each of the below, both theory, and code wise wherever applicable:
  + Basic Payment Domain Knowledge
  + Strongly Functional Preparation of end-to-end Stripe flow.
  + End-to-end Technical integration approach
  + Entire architecture (Microservice) and relating it practically to our project.
  + Other Project description items.
* Goal: **I will explain him 80% of all these topics in this interview.**
* **How to prepare**
  + For each item in the project description, write down 5-10 points, what will you explain - theory & code.
  + Relate how 1 topic relates to another. Connect multiple topics together in your answers. Each topic should go to 2 other topics
  + While answering, focus on emphasizing more on those relating topics.

**Other points to consider while you are in the interview:**

* Enthusiasm and Passion
* Problem-Solving Stories
* Communication Skills
* Adaptability and Learning
* Cultural Fit (growth of team & growing together)
* Leadership and Initiative
* Portfolio or Code Samples
* References - Promote
* Questions for the Interviewer
* Follow-Up: 10:1, 10:4