# SIDDARAM RAJAPUT

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## PROFESSIONAL SUMMARY

Aspiring **Java Backend Developer** with a strong foundation in **Core Java, Spring Boot, and MySQL**. Skilled in building REST APIs and integrating payment systems, with hands-on project experience in **Stripe Payment Integration**. Strong analytical and problem-solving mindset with quick adaptability to new technologies. Seeking an opportunity to start my career and contribute to backend development projects.

## SKILLS AND ACCOMPLISHMENTS

- **Core Java:** Strong grasp of OOP concepts, exception handling, multithreading, collections.
- **Advanced Java**: Knowledge of JDBC.
- **Java Frameworks**: Spring Boot, Spring Data JPA, REST API development.
- **Database:** MySQL (schema design, queries, integration).
- **Tools & Practices:** Git, Jira, Agile methodologies.
- **Problem Solving**: Strong analytical skills for resolving complex technical challenges.

## PROJECT

**Java Developer Trainee | Hulk Hire Tech, Hyderabad**

**Project: Stripe Payment Integration**

Contributed to building a **secure and scalable Stripe Payment Integration System** using **Java Spring Boot** in a **microservices architecture** deployed on **AWS**. Worked on implementing **payment processing, payment status management, Stripe PSP REST API integration, asynchronous notifications, security enhancements, and robust error management**. Explored **Spring AI with OpenAI LLM** for intelligent error handling and integrated **ActiveMQ** for asynchronous messaging.

**Key Responsibilities:**

- Implemented **Stripe integration** using Java Spring Boot & Microservices, building modular **payment-processing** and **stripe-provider services**.
- Analyzed **Stripe API documentation** and collaborated with the team to finalize the **end-to-end integration approach**.
- Developed the **stripe-provider service** with REST APIs (Create, Retrieve, Expire Session).
- Secured APIs using **Stripe Basic Auth** and processed notifications with **HmacSHA256** signatures.
- Implemented **payment status tracking**, ensuring **100% reliability** of transactions.
- Designed and applied **custom error codes** with Spring exception handling for robust error management.
- Processed incoming **Stripe notification events** and performed **unit testing** for validation.

- Worked with **MySQL (Spring JDBC)** and gained hands-on experience with **AWS services (EC2, RDS, Secrets Manager)**.
- Explored **Spring AI (OpenAI LLM)** for dynamic Stripe error response handling and integrated **ActiveMQ** for event-driven communication.
- Applied **design patterns (Factory, Builder)** and **OOP principles** to build **modular and maintainable services**.

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## EDUCATION

**Bachelor of Engineering (B.E) in Electrical Engineering**                    **Graduation Year (2025)**
Visvesvaraya Technological University, Belagavi

## CERTIFICATIONS

- Java Full Stack Certification