

Thirumalaiselvam

Java Full Stack Developer | Spring Boot | React.js

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Chennai

Professional Summary

Java Full Stack Developer specializing in Spring Boot and React.js with experience in building scalable microservices, REST API design, and secure authentication using JWT and Spring Security. Skilled in database optimization, Redis caching, and payment integration using Stripe API.

Skills

- **Languages:** Java, SQL, JavaScript
- **Backend:** Spring Boot, Microservices Architecture, REST API Design, Spring Security, JWT
- **Frontend:** React.js, Tailwind CSS, HTML5, CSS3
- **Database/Cache:** MySQL, Oracle, Redis
- **Tools:** Git, Bitbucket, Maven, Postman, Jira, Agile (Scrum)
- **Testing:** JUnit, Mockito

Experience

Java Developer Trainee, HulkHire Tech, Hyderabad *Feb 2026 – Mar 2026*

- Built RESTful services for a microservices-based Stripe payment and validation system
- Integrated secure request validation using HmacSHA256 and Spring Security for data integrity

Java Full Stack Development Certification, QSpiders, Chennai

Projects

Stripe Provider Service (Spring Boot Microservice) *GitHub* 

- Engineered a **payment processing microservice** with **Stripe APIs**, enabling secure transactions and real-time payment event processing.
- Implemented **HMAC-SHA256 authentication** and Spring Security for request validation and data integrity
- Optimized performance using **Redis caching** and implemented centralized logging and exception handling

Transaction Validation Service (Spring Boot Microservice) *GitHub* 

- Developed a **microservice** to enforce business constraints including duplicate transaction checks and threshold-based rate limiting
- Applied **Strategy Design Pattern** to enable flexible and extensible rule processing across multiple validation scenarios
- Designed and executed **unit tests with JUnit and Mockito**, utilizing mock-based testing to validate business logic and ensure high test coverage.

Library Management System (REST API Backend) *GitHub* 

- Built **RESTful APIs** using Spring Boot for managing users and books with CRUD operations
- Implemented **JWT-based authentication** and role-based access control (RBAC) using Spring Security
- Integrated **Hibernate/JPA** for database interaction with validation and global exception handling

EDUCATION

B.E. Computer Science Engineering — Arunai Engineering College — CGPA: 8.02 *2021 – 2025*

Class XII (HSC) — Maharishi Higher Secondary School — 70% *2020*

Class X (SSLC) — St. Antony matric School — 85% *2018*