

Rohan David Raj

Bachelor of Engineering | Experience: 2.3 years

Objective:

I am Rohan David Raj, working for TestYantra Software Solution as a Software Engineer and have gained good exposure to understand various aspects of Java Backend Development. I seek a challenging position where I can share my skills and expand my capabilities further in the pursuit of progressive career advancement.

Technical Skills

Languages	Java 1.8, SQL, HTML 5, XML(Basics), CSS 3, Bootstrap 4, Javascript
Technologies	Servlet, JSP, JDBC, React-js, Redux
Frameworks Back End	JPA with Hibernate , Spring (Core, MVC, REST), Spring Boot , Spring Data JPA
Design Patterns	Singleton, MVC, Factory, DTO, DAO
RDBMS Applications	MySQL, MongoDB
Logging API	Java Logger, Log4j, Slf4j
Unit Testing	Junit5 with Mockito
API Documentation	Swagger, Postman
Code Quality Tools	Sonar Lint
Web Servers	Apache Tomcat
Version Control	Git (GitHub, Gitlab)
Build Automation Tool	Maven
Software Development Processes (SDLC)	Waterfall model & Agile

Project Details

Multe Store Ecommerce App (B2B2C) Development

Client: STOTO PRIVATE LIMITED | **Domain:** E-Commerce Application

Duration: Nov. 2022 - Ongoing

Summary:

Supplier, Admin, Reseller, and Customer are the four modules of this **Micro-Service** Oriented Architecture E-commerce application. Registration, push alerts, advanced search, rich product information, wish lists, reviews and comments, personalized customer experience, AI voice assistant, different payment options, and so on are just a few of the features available in this app. A supplier can add products and offer product details in the provider area after registering. In the admin module, an admin determines whether a product is genuine and keeps track of reviews and notifications. Using the reseller module, a reseller can add various products to their store and provide pricing and product data. Admin have the privilege of restricting the features of Supplier, Customer and Admin. An Admin can also privilege invite new user , reseller , supplier as like everyone does , The whole purpose of the application is to make all the features of an e-commerce application such as add product, buy products, make Wish list, delete product , payments sections and so on.

A supplier can add products and offer product details in the provider area after registering. In the admin module, an admin determines whether a product is genuine and keeps track of reviews and notifications. Using the reseller module, a reseller can add various products to their store and provide pricing and product data. A client can purchase things, add them to their wish list, and add them to their cart in the customer module.

Roles and Responsibilities:

As a **Backend Developer**, I was involved in

- Designing and implementing APIs using RESTful architecture.
- Working extensively with the backend which consisted of Spring Data JPA.
- Testing REST APIs for JSON data in the Spring Controller backend using Postman.
- Documenting my work, particularly the APIs that I created.
- Focusing on innovating new and better ways to create solutions that add value and amaze the end user.
- Writing Junit Test cases for service layer, controller layer and POJO layer.
- Debugging and resolving issues in production and testing environments.
- Designing and developing APIs that interact with databases and other systems.
- Writing clean, efficient, and maintainable code using best practices.
- Participating in code reviews and providing feedback to other developers to ensure quality and consistency of the code-base.
- Staying up-to-date with the latest trends, tools, and technologies in backend development.
- Developing Rest APIs for Supplier registration, Supplier login and various features of Supplier module.
- Make the Communication between the services via API's using FeignClient.
- Focusing on innovating new and better ways to create solutions that add value to end user.

M-Star (SES) School Expert System

Client: HITACHI MGRM NET | **Domain:** Education Application

Duration: Sept. 2020 to Nov. 2022

Summary:

School Expert System involves complete management of organizational level as well as institutional level for schools, with various examinations, subject rules, scheduler, teacher substitution modules and creating batches of students.

The overall motive of this project was to digitalize the schooling system and provide a full-fledged architecture to both level managements.

Roles and Responsibilities:

As a Backend Developer, I was involved in

- Creating well-designed, efficient, and testable code.
- Performing software analysis, programming, testing, and debugging.
- Addressing reported issues and responding to queries promptly.
- Resolving bugs in the Scheduler module.
- Optimization code using Solar Lint.
- Development of controllers in REST architecture style
- Developed JUnit test cases for the service layer.
- Utilizing GitLab as a source code management tool.
- Created well-formatted Jasper reports for various modules in the project.
- Integrating Restful APIs. Created the form validation
- Develop interactive web applications utilizing JavaScript, HTML5, CSS, JSON, React J
- Involved in performance optimization of the web application