

LIJORAJ P R

Java Backend Developer | Spring Boot | REST APIs

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Career Objective

Java Backend Developer (Fresher) with hands-on experience in building scalable RESTful APIs using Spring Boot, Hibernate/JPA, and MySQL. Strong understanding of layered architecture, JWT-based authentication, role-based access control, and CRUD operations. Experienced in optimizing SQL queries, integrating React frontends, and using tools like Git, Postman, Maven, and JIRA. Quick learner with a solid foundation in Data Structures, problem-solving, and clean coding practices.

Skills & Abilities

Backend Development

- Java, Spring Boot, RESTful API Development, Spring Security, JUnit, Mockito, Docker (basic), CI/CD (GitHub Actions), Design Patterns, Microservices (basic), Authentication and Authorization (JWT, role-based access), Exception Handling, Logging, MVC Architecture

Database and SQL

- MySQL, SQL, Query Optimization, Indexing, Joins, Subqueries, Stored Procedures, Transaction Management, Normalization

Tools and Technologies

- Git, GitHub, Postman, JIRA, Maven, Eclipse, Linux (basic commands)

Web and Integration

- JSON, HTTP and HTTPS, Frontend Integration, React.js

Education

ST SEBASTIANS HSS KUTTIKKAD

2018-2019

Kerala State Board | Percentage: 95%

ST SEBASTIANS HSS KUTTIKKAD | Computer Science

2020-2021

Kerala State Board | Percentage: 98.17%

Met's School of Engineering | Bachelor of Technology

2021-2025

Major: Computer Science | Minor: Informatics for Infrastructure Management

Projects

1. Sales Savvy - Full Stack Sales Management Application

Technologies Used: React.js, Spring Boot, MySQL, Java, JavaScript, CSS, GitHub

- Enhanced a **backend-centric sales management system** focusing on secure API design, business logic, and data integrity.
- Built **RESTful services using Spring Boot**, implementing authentication, authorization, validation, exception handling, and full CRUD operations.
- planned **layered architecture (Controller, Service, Repository)** to ensure maintainability, scalability, and clean separation of concerns.
- Created and optimized **relational database schemas**, using SQL queries, indexing, and transaction management for efficient data processing.
- Applied **role-based access control (RBAC)** to protect sensitive sales data and enforce user permissions.
- Integrated a **React-based frontend** to consume APIs and support real-time data interaction.

2. Flipkart Automation Testing Project

Technologies Used: Java, Selenium WebDriver, TestNG, GitHub

- Automated key e-commerce workflows such as **login, product search, add-to-cart, and checkout** using **Selenium WebDriver** and **TestNG**.
- Implemented solutions for handling dynamic web elements and synchronization issues, improving test reliability.
- Designed and executed **automated test cases**, identifying defects and ensuring the stability and functionality of the application.
- Collaborated with the development team to report and track defects, ensuring quick resolution and application stability.

3. TypeBlaster - Typing Speed Game

Technologies Used: HTML, CSS, JavaScript, GitHub

- Developed a **fast-paced typing game** designed to improve **typing speed, accuracy, and keyboard confidence**.
- Implemented progressively increasing difficulty levels to challenge players and keep them engaged.
- Provided **real-time feedback** on performance, including typing speed and accuracy after each round.
- Ensured **responsive design** to allow gameplay across different devices (desktop, tablet, mobile).

4. Planwise - Task Management Application

Technologies Used: React.js, Redux, HTML, CSS, JavaScript

- Developed a sleek and intuitive task management app that allows users to efficiently organize and track their daily to-dos.
- Implemented **CRUD operations** to enable users to **create, read, update, and delete** tasks.
- Managed global state using **Redux** to ensure smooth interaction and real-time updates.
- Utilized **local Storage** to persist user data across browser sessions, maintaining data integrity even after page refreshes.

Experience

Java Full-Stack Developer Intern

05/2025 – Current

KODNEST – Bengaluru, India

- Engineered and maintained full-stack web applications using Java (Spring Boot) and React.js, improving page load times by 30%.
- Integrated and optimized MySQL database queries to enhance system performance and reduce response time.
- Utilized Git for version control, Postman for API testing, and JIRA for task tracking, ensuring smooth and efficient team collaboration.
- Collaborated with UX/UI designers to enhance application functionality and user experience.

Achievements

- **Winner, Media & Video Editing Competitions** at multiple intercollegiate and technical events, recognized for creativity and technical execution.
- Ranked **Top 3 academically** with a **98.17% score in Higher Secondary Education**, demonstrating consistent academic excellence.
- **State-Level Finalist, Code-Compact Project Competition** organized by the **Kerala State Police**, representing the institution with an innovative project solution.
- **National Service Scheme (NSS) Volunteer**, contributing to community development initiatives, social awareness programs, and organized outreach activities during undergraduate studies.

Languages

- ENGLISH
 - MALAYALAM (native)
 - HINDI
 - TAMIL
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