

Jitendra Rawat

Software Developer

Texas • jitendra.rawat15@yahoo.com • +1 6823905525 • [LinkedIn](#) • [GitHub](#)

SUMMARY

- Software Developer with over 3+ years of experience in **backend development**, **API integration**, **cloud computing**, and **full-stack application** design, specializing in **Java**, **Spring Boot**, **React**, and **microservices architecture**.
- Optimized **RESTful APIs** handling high-traffic transactions, integrating **Spring Security** for authentication and **JWT-based authorization** to ensure secure and scalable systems.
- Database management expertise in **PostgreSQL**, **MySQL**, **Couchbase**, and **Google Firebase**, optimizing query performance and reducing response latency for enterprise applications.
- Cloud-based application development with **microservices architecture** and distributed networks, ensuring scalability and resilience in **cloud-based systems**.

TECHNICAL SKILLS

• Programming Languages	Java, Python, SQL
• Backend Development	Spring Boot, Spring Security, Kafka, Microservices Architecture
• Frontend & Web Development	HTML, CSS, JavaScript, React, Camunda
• API Development & Integration	RESTful APIs, JSON, Postman, API Documentation
• Database Management	PostgreSQL, MySQL, Couchbase, Google Firebase, MongoDB
• Software Development Tools	Visual Studio Code, Eclipse, SourceTree, Android Studio, GitHub Copilot
• Software Testing & Code Quality	JUnit, Unit Testing, Code Reviews, Performance Optimization
• Project Management & Agile	Agile, Scrum, JIRA, Git

PROFESSIONAL EXPERIENCE

Web Developer WeUp	New York, USA Jun 2024 – Sep 2024
<ul style="list-style-type: none">• Developed 15+ RESTful APIs using Java and Spring Boot, leveraging JPA Hibernate ORM tool for efficient database interaction, improving real-time task updates by 40% for the gaming platform and ensuring secure, scalable operation.• Optimized SQL query performance, reducing database execution time from 3 seconds to 1 second and improving API response times.• Implemented JWT-based authentication with Spring Security, reducing unauthorized access attempts by 60%, securing user logins and interactions within the gaming platform, and protecting sensitive user data.• Deployed APIs in an AWS cloud-hosted environment, leveraging AWS Lambda and API Gateway to reduce API response latency by 50%, ensuring seamless scaling and better platform performance under high user activity.	

Associate Software Engineer Prodapt Solutions	Bangalore, India Apr 2021 – Dec 2022
<ul style="list-style-type: none">• Developed RESTful APIs using Spring Boot, integrating Spring Security for robust authentication, JPA Hibernate for database management, ensuring seamless communication between microservices, improving system scalability and performance.• Engineered 10+ microservices using Java and Spring Boot, applying OOP principles to design scalable solutions, processing 100K+ daily transactions, and integrating seamlessly with PostgreSQL.• Optimized PostgreSQL data models using Java, OOP principles, and Spring Boot, reducing query execution time from 2.5 seconds to 800 milliseconds for transactional operations, resulting in 3x faster performance.• Designed and secured RESTful API endpoints, processing 500+ concurrent requests per second, improving system scalability.• Worked with production logging using ELK stack (Elasticsearch, Logstash, and Kibana) contributing to centralized logging and real-time monitoring for improved troubleshooting and system performance.• Performed 200+ unit tests using JUnit, achieving code coverage, and reducing API failures during integration testing.• Led daily Agile stand-ups in Jira, tracking and resolving 200+ production defects, improving issue resolution speed by 35%.• Refactored legacy Java code, reducing API response times by 50%, and enhancing application performance.• Created detailed API documentation in Postman and Swagger, enabling seamless third-party integration and reducing API onboarding time from 5 to 2 days, allowing new developers to quickly integrate with the system.	

Jr. Java Developer Thinkquotient Software Pvt Ltd	Pune, India Jan 2021 – Apr 2021
<ul style="list-style-type: none">• Developed 8+ RESTful APIs using Java and Spring Boot, handling 20K+ daily transactions, and enabling real-time integration between enterprise applications.• Used JPA with Hibernate for efficient data persistence, optimizing CRUD operations, and improving database performance through ORM techniques and custom queries.• Developed dynamic, responsive user interfaces with React, improving front-end performance and delivering a seamless user experience• Integrated PostgreSQL databases, improving query retrieval speeds by restructuring tables and adding indexes.	

- Conducted 50+ code reviews in **Git**, detecting and resolving critical code vulnerabilities, and improving system security.

Web Developer Trinity Technolabs

Pune, India
Jul 2020 – Dec 2020

- Developed and structured semantic, accessible web content using **HTML**, aligning with modern web standards.
- Crafted consistent and visually appealing layouts using advanced **CSS** techniques, ensuring seamless cross-browser compatibility.
- Leveraged **Bootstrap's** responsive grid system and pre-designed components to create layouts that adapt flawlessly across devices and screen sizes.
- Built interactive user interfaces with **React**, improving performance and user experience by efficiently managing state with **Redux**.
- Created a responsive **front-end** interface using **React, HTML, CSS, and JavaScript**, improving **UI** responsiveness and enhancing user experience across devices.
- Focused on **UI/UX best practices**, ensuring intuitive, user-friendly designs and smooth interactions across the platform.
- Debugged and optimized front-end applications using **Chrome DevTools**, identifying and resolving performance bottlenecks.

PROJECT

Ezcars – Vehicle Rental App

Spring Boot, React, MySQL

- Develop a full-stack app with 15+ search filters (price, availability, type), cutting average vehicle search time by 35% .
- Integrated Stripe payment processing, handling transactions with a 99.9% success rate and PCI-DSS compliance.

Spendwise – Expense Tracker Native App

React Native, Google Firebase

- Built a user-friendly spend-tracking app, reducing data-load latency by **50%** via Firebase Realtime Database.
- Implemented AI-driven spending insights, helping 72% of users reduce unnecessary expenses by 20% through personalized budget alerts.

Food Save - Food Waste Reduction App

Java, Google Firebase

- Designed a scalable app using Firebase Realtime Database for efficient data structuring and synchronization, reducing data-load latency and improving overall app performance.
- User-friendly interface with core functionalities including food expiry tracking, recipe management, and meal scheduling, helping users reduce unnecessary food waste.

EDUCATION

Master of Science in Computer Science

Pace University, Seidenberg School of Computer Science and Information Systems

Jan 2023 – Dec 2024
New York, USA

Relevant Coursework: Mobile Application Development, Algorithm Analysis, Database Management, Mobile Web Development, Artificial Intelligence

Bachelor of Technology in Mechanical Engineering

DIT University

Aug 2016 – May 2020
Dehradun, India