

Jitendra Rawat

Software Developer

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SUMMARY

Software Developer with 4 + years of experience specializing in backend engineering, API integration, cloud computing and full-stack development using **Java**, **Spring Boot**, **React**, and **microservices architecture**. Optimizing high-traffic **RESTful APIs**, implementing Spring Security with JWT for secure access, and improving database performance across PostgreSQL, MySQL, Couchbase, MongoDB and Cassandra. Skilled in designing scalable microservices using Spring Cloud (Config Server, API Gateway, Eureka) and integrating services via WebClient, RestClient, RestTemplate, and Kafka for efficient distributed communication.

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems New York, NY
Master of Science (MS) in Computer Science | GPA: 3.91/4.00 Dec 2024

PRIMARY SKILLS

Skills

Java | Spring Boot | SQL | NoSQL | SDLC | AWS | Microservice Architectures | RESTful API | CI/CD | Docker | Agile Methodologies | Spring Cloud | Spring Security | Kafka | React.js | Kibana | GraphQL | JSON | Git | Jira

PROFESSIONAL EXPERIENCE

Technology Analyst, Infosys, Dallas, USA Jul 2024 – Present

- Utilized GitHub Copilot and Generative AI-based coding assistants to accelerate development and maintain code consistency.
- Contribution to API migration from IBM Vision to on-premises Spring Boot microservices, ensuring seamless integration, optimized performance, and minimal downtime during transition.
- Worked Under Verizon account on migration for Verizon Business group. Production support, Defect resolutions, new business logic implementation based on client needs, API migration to new NSA architecture.
- Provided production support by diagnosing API failures, performing log analysis using Kibana, and resolving high priority defects to ensure continuous system availability.
- Led the offshore development team while working on Verizon Business projects, handling production support, defect fixes, and new feature development.
- Performed code reviews in Git to identify vulnerabilities and improve overall code quality using Sonar.
- Developed and enhanced Spring Boot microservices based on client requirements, improving functionality and performance.

Senior Software Engineer (Internship), Shoptaki, New York, USA Mar 2025 – Jul 2025

- Built backend Microservice for user management using Java Spring Boot, ensuring secure and scalable data operations.
- Implemented secure REST APIs using Spring Boot, supporting seamless interaction between frontend and backend modules.
- Utilized GitHub Copilot and Generative AI-based coding assistants to accelerate development and maintain code consistency.
- Developed dynamic, responsive user interfaces with React.js, improving front-end performance with reusable components to ensure consistent behavior across the platform and delivering seamless user experience.
- Deployed APIs in an AWS cloud environment using EC2, API Gateway and Route 53 for DNS management, reducing API response latency by 50%, ensuring seamless scaling and better platform performance under high user activity.

Associate Software Engineer, Prodapt, Bangalore, India Apr 2021 – Dec 2022

- Built RESTful APIs using Spring Boot, with Spring Security for authentication, JPA/Hibernate for database work, and Kafka for service-to-service messaging.
- Worked with telecom clients including British Telecom (BT) and T-Mobile (DT Croatia).
- Engineered microservices using Java and Spring Boot, applying OOP principles to design scalable solutions, processing 100K+ daily transactions, and integrating seamlessly with PostgreSQL.
- Improved PostgreSQL performance by optimizing data models and reducing query time from 2.5 seconds to 800 milliseconds (3x faster).
- 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.
- Led daily Agile stand-ups in Jira, tracking and resolving 200+ production defects, improving issue resolution speed by 35%.
- Integrated JWT-based authentication with Spring Security, improving access control and protecting user interactions and sensitive data across the platform.

Jr. Java Developer, Thinkquotient Software Pvt Ltd, Pune, India Jan 2021 – Apr 2021

- Developed RESTful APIs using Java and Spring Boot, high volume 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.
- Integrated PostgreSQL databases, improving query retrieval speeds by restructuring tables and adding indexes.
- Conducted code reviews in Git, detecting and resolving critical code vulnerabilities, and improving system security.

Web developer, WEBCODER, Dehradun, India

Jan 2020 – Dec 2020

- Assisted in building backend components using Java and integrated them with the frontend through RESTful APIs for seamless data exchange.
- Created a responsive front-end interface using React, HTML, CSS, and JavaScript, improving UI responsiveness and enhancing user experience across devices.
- Collaborated on implementing backend features such as user authentication and data validation using Java, enhancing application security and reliability.

ACADEMIC PROJECTS

Ezcars - Vehicle Rental App

- Developed 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

- 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.