

Jitendra Rawat

Software Developer

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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**.
- Hands-on experience with **Kubernetes** and **Docker** for containerized deployment, leveraging **Spring Cloud Config server**, **API Gateway**, and **Service Discovery (Eureka)** to enable dynamic configuration, centralized routing, and seamless inter-service communication in microservice environments using **WebClient**, **RestClient**, **RestTemplate** and **Kafka**.

TECHNICAL SKILLS

• Programming Languages	Java, Python, SQL
• Backend Development	Spring Boot, Spring Cloud, 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, IntelliJ, 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

Senior Software Engineer

New York, USA

Shoptaki Inc.

Mar 2025 – Apr 2025

- Developed components using **React** for a **Smart-chain platform**, enhancing user interactivity and improving UI responsiveness.
- Built backend **Microservice** for user management using **Java Spring Boot**, enabling secure and scalable operations across the platform.
- Collaborated on full-stack development for a blockchain-based system, participating in system design and usability testing processes.

Web Developer

New York, USA

WeUp

Jun 2024 – Sep 2024

- 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

Bangalore, India

Prodapt Solutions

Apr 2021 – Dec 2022

- 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 enhanced 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

● 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.

Pune, India

Jan 2021 – Apr 2021

PROJECT

Employee, Department Microservices with API Gateway

Java, Spring Boot, Docker, Kubernetes

● Built a scalable **microservices** architecture using **Spring Boot**, including employee and department services, with centralized configuration, service discovery, and an API gateway for efficient routing.

● Deployed the application on **Kubernetes** using **Docker** containers leveraging ConfigMaps and Secrets for secure, environment-specific configuration management.

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.

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