

# Jitendra Rawat

## Software Developer

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### SUMMARY

- Software Developer with 4 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**, **MongoDB**, **Google Firebase** and **GraphQL**, optimizing query performance and reducing response latency for enterprise applications.
- Built and deployed cloud-native applications on **AWS** using **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

- |                                              |                                                                          |
|----------------------------------------------|--------------------------------------------------------------------------|
| • <b>Programming Languages</b>               | Java, Python, SQL, NoSQL                                                 |
| • <b>Backend Development</b>                 | Spring Boot, Spring Cloud, Spring Security, Kafka, Node.JS               |
| • <b>Frontend &amp; Web Development</b>      | HTML, CSS, Camunda, React.JS                                             |
| • <b>API Development &amp; Integration</b>   | RESTful APIs, JSON, Postman, API Documentation, GraphQL                  |
| • <b>Database Management</b>                 | PostgreSQL, MySQL, Couchbase, Google Firebase, MongoDB                   |
| • <b>Software Development Tools</b>          | Visual Studio Code, IntelliJ, SourceTree, Android Studio, GitHub Copilot |
| • <b>Software Testing &amp; Code Quality</b> | JUnit, Unit Testing, Code Reviews, Performance Optimization              |
| • <b>Project Management &amp; Agile</b>      | Agile, Scrum, JIRA, Git                                                  |

### PROFESSIONAL EXPERIENCE

#### Technology Analyst

Dallas, USA

#### Infosys

Aug 2025 – Present

- Utilized **GitHub Copilot** and **Generative AI-based coding assistants** to accelerate development and maintain code consistency.

#### Senior Software Engineer

New York, USA

#### Shoptaki

Mar 2025 – Jul 2025

- Developed responsive UI using **React.js**, with reusable components to ensure consistent behavior across the platform.
- 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.
- 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.
- Collaborated on full-stack development for a blockchain-based system, participating in system design and usability testing processes.

#### Associate Software Engineer

Bangalore, India

#### Prodapt

Apr 2021 – Dec 2022

- Developed **RESTful APIs** using **Spring Boot**, integrating **Spring Security** for robust authentication, **JPA Hibernate** for database operations, and integrated **Apache Kafka** for communication between services to improve performance and reliability.
- 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 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.
- 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 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**  
**Webcoder**

**Dehradun, India**  
**Jan 2020 – Dec 2020**

- Assisted in building backend components using **Java** and **Node.js**, and integrated them with the frontend through **RESTful APIs** for seamless data exchange.
- Collaborated on implementing backend features such as **user authentication** and data validation using **Java**, enhancing application **security** and reliability.
- Crafted consistent and visually appealing layouts using advanced **CSS and Bootstrap** for consistent visual representation.
- 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.

## 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*

- 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**

*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**