Jitendra Rawat

Software Developer

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SUMMARY

- Software Developer with 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, Cassandra** 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

Programming Languages	Java, Python, SQL, NoSQL
Backend Development	Spring Boot, Spring Cloud, Spring Security, Kafka, API Graph
Frontend & Web Development	HTML, CSS, Camunda, React.JS
API Development & Integration	RESTful APIs, JSON, Postman, API Documentation, GraphQL
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

Technology Analyst   **Dallas, USA**
Infosys   **Jul 2025 – Present**

- Utilized **GitHub Copilot and Generative AI-based coding assistants** to accelerate development and maintain code consistency.
- Provided **production support** by diagnosing API failures, performing **log analysis** using Kibana, and resolving high **priority defects** to ensure continuous system availability.
- Developed and enhanced **Spring Boot microservices** based on client requirements, improving functionality and performance.
- Contribution to **API migration** from IBM Vision to on-premises **Spring Boot microservices**, ensuring seamless integration, optimized performance, and minimal downtime during transition.

Senior Software Engineer   **New York, USA**
Shoptaki   **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   **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 integrating **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   **Pune, India**
Thinkquotient Software Pvt Ltd   *Jan 2021 – Apr 2021*
- Developed 8+ **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 50+ code reviews in **Git,** detecting and resolving critical code vulnerabilities**,** and improving system security.

Web Developer   **Dehradun, India**
Webcoder   *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   **Jan 2023 – Dec 2024**
Pace University, Seidenberg School of Computer Science and Information Systems   **New York, USA**

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

Bachelor of Technology in Mechanical Engineering   **Aug 2016 – May 2020**
DIT University   **Dehradun, India**