Jitendra Rawat
Software Developer

Dallas, Texas • Jitendra.rawat15@yahoo.com• **+1 6823905525**• [LinkedIn](#) • [GitHub](#)

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**, **Google Firebase** and **GraphQL,** 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, 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

Senior Software Engineer — New York, USA
Shoptaki Inc. — Mar 2025 – May 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 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   **Pune, India**
Thinkquotient Software Pvt Ltd   *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   **Dehradun, India**
Webcoder   *Jan 2020 – Dec 2020*

- Assisted in building backend components using **Java** and integrated them with frontend through **RESTful APIs** for 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

- 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   **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**