

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 **Spring Boot**, **React**, and **microservices architecture**.
- Optimized **RESTful APIs** handling high-traffic transactions, integrating **NestJS**, **Spring Security**, and **OAuth**-based authentication for 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 **Google Firebase Real-time Database**, ensuring high availability and seamless data synchronization for real-time applications.
- Strong focus on **Agile** development and **software testing**, utilizing **JUnit**, **unit testing**, code reviews, and **CI/CD** best practices to improve system reliability and performance.

TECHNICAL SKILLS

• Programming Languages	Java, Python ,SQL
• Backend Development	Spring Boot, Spring Security, NestJS, Microservices Architecture , Laravel
• Frontend & Web Development	HTML, CSS, JavaScript, PHP, React, Camunda
• API Development & Integration	RESTful APIs, JSON, Postman, API Documentation
• Database Management	PostgreSQL, MySQL, Couchbase, Google Firebase
• Cloud & Storage	Google Firebase Realtime Database
• Software Development Tools	Visual Studio Code, Eclipse, 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

Web Developer

WeUp

New York, USA

Jun 2024 – Sep 2024

- Developed **15+ RESTful APIs using NestJS and Spring Boot**, integrating **Google Firebase Realtime Database**, improving real-time data sync speed by 40% for the gaming platform, enabling smooth task and reward updates for users.
- 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 for the task and reward system.
- Built 20+ front-end components in **React**, integrating **Camunda** workflows to automate goal-tracking and task completion for 1,000+ users, enhancing user engagement and improving task efficiency within the gaming platform.
- Implemented **OAuth-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.
- Created detailed **API documentation in Postman**, enabling seamless third-party integration, which reduced API onboarding time from 5 to 2 days, allowing external developers to quickly integrate with the gaming platform's task and reward system.
- 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

Prodapt Solutions

Bangalore, India

Apr 2021 – Dec 2022

- 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 **SQL** query performance, reducing database execution time from 3 seconds to 1 second, and improving **API** response times.
- **Developed dynamic, responsive user interfaces with React**, improving **front-end** performance and delivering a seamless user experience.
- Collaborated with **DevOps** and **CI/CD** teams, implementing automated pipelines, and ensuring zero downtime deployments across production and staging environments.
- Designed and secured **RESTful API** endpoints, processing 500+ concurrent requests per second, improving system scalability.
- 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 enhancing application performance.

Jr. Java Developer

Thinkquotient Software Pvt Ltd

Pune, India

Jan 2021 – Apr 2021

- Developed 8+ **RESTful APIs** using **Java** and **Spring Boot**, handling 50K+ 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.
- Created a responsive **front-end** interface using **Angular, HTML, CSS, and JavaScript**, improving **UI** responsiveness and enhancing user experience across devices.
- 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.
- Automated **API** testing pipelines using Postman collections, reducing manual **API** testing effort by 70%.

Web Developer
Trinity Technolabs

Pune, India
Jul 2020 – Dec 2020

- Developed and structured semantic, accessible web content using **HTML**, aligning with modern web standards.
- Crafted consistent and visually appealing layouts using advanced **CSS** techniques, ensuring seamless cross-browser compatibility.
- Leveraged **Bootstrap's** responsive grid system and pre-designed components to create layouts that adapt flawlessly across devices and screen sizes.
- Built interactive user interfaces with **React**, improving performance and user experience by efficiently managing state with **Redux**.
- Implemented **PHP and Laravel** for server-side logic, creating robust, scalable back-end systems that integrate seamlessly with front-end applications.
- Focused on **UI/UX best practices**, ensuring intuitive, user-friendly designs and smooth interactions across the platform.
- Debugged and optimized front-end applications using **Chrome DevTools**, identifying and resolving performance bottlenecks.

PROJECT

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% for 5,000+ monthly users.
- 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.

Food Save - Food Waste Reduction App

Java, Google Firebase

- Designed a scalable app using Firebase Realtime Database for efficient data structuring and synchronization, reducing data-load latency and improving overall app performance.
- User-friendly interface with core functionalities including food expiry tracking, recipe management, and meal scheduling, helping users reduce unnecessary food waste.

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