

ROHIT SINGH

Java Developer | Spring Boot | Microservices

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SUMMARY

Backend Java Developer with 4+ years of experience in designing and optimizing high-performance REST APIs using Java, Spring Boot, and PostgreSQL. Proven experience in system design, REST API design, and building scalable microservices with secure authentication using JWT and role-based access control (RBAC). Experienced in deploying applications on AWS cloud environments and performing database performance tuning, query optimization, and transaction management. Delivered enterprise and government-scale applications with a focus on scalability, reliability, security, and maintainable backend systems.

SKILLS

Languages: Java (8, 19, 21), SQL

Backend Technologies: Spring Boot, Hibernate, JPA, REST API Design, Microservices Architecture, PostgreSQL, MySQL, Apache Kafka, Docker, Maven, JWT Authentication, RBAC, System Design

Cloud & DevOps: AWS (S3, Rekognition), Tomcat, Ubuntu, Linux Server Deployment

Frontend (Secondary): Angular, TypeScript, JavaScript, HTML, CSS, Bootstrap

Tools: IntelliJ IDEA, Spring Tool Suite (STS), Eclipse, Postman, Git (GitHub/GitLab), JIRA, SVN, PuTTY, FileZilla, Jaspersoft

EXPERIENCE

11/2024 – Present

Java Developer

Quantam Asia Pvt. Ltd

- Designed, developed, and optimized RESTful APIs using Java 8 and Spring Boot handling large datasets (100K+ records), reducing response times by 30% and improving overall application scalability.
- Analyzed and optimized complex PostgreSQL queries using indexing and query refactoring techniques, achieving a 25% reduction in execution time.
- Integrated third-party APIs and internal services, ensuring secure and reliable data exchange across distributed systems.
- Deployed and maintained production applications on cloud-based Linux servers (Ubuntu) using Apache Tomcat, ensuring high availability and stability.
- Implemented LDAP-based authentication and role-based access control, strengthening application security and access management.
- Collaborated with cross-functional teams to support deployments, debug production issues, and improve backend system reliability.

Java 8 | Spring Boot 2.3.4 | PostgreSQL | Meghraj Cloud | SVN | LDAP | Tomcat | PuTTY | JIRA

03/2023 – 10/2024

Software Engineer

Mind IT Systems, Delhi

- Designed and developed scalable backend services using Java 19, 21 and Spring Boot 3.2 within a microservices-based architecture.
- Architected and maintained REST APIs supporting concurrent users, improving system performance and service scalability by 15%.
- Implemented secure authentication mechanisms using JWT and integrated AWS S3 for secure file storage and retrieval.
- Optimized MySQL database schemas, queries, and transaction handling, reducing response time and improving data consistency.
- Collaborated with frontend and QA teams to integrate APIs, resolve issues, and ensure end-to-end application stability.
- Actively participated in Agile development cycles, including sprint planning, code reviews, and production deployments.

Java 19 ,21 | Spring Boot 3.2 | Angular | AWS S3 | MySQL | Git | Selenium | Tomcat (Ubuntu)

- Collaborated with senior developers to build web applications using Java 8, Spring Boot, Angular, HTML, and CSS during a comprehensive training program.
 - Developed RESTful APIs to facilitate efficient data exchange between frontend and backend systems.
 - Designed and optimized MySQL databases, improving query performance and data integrity.
 - Participated in code reviews, debugging, and troubleshooting, contributing to high-quality software delivery.
 - Gained hands-on experience in full-stack development, laying a strong foundation for future projects.
- Java 8 | Spring Boot | Angular | MySQL | HTML | CSS

EDUCATION

- 07/2021-05/2023

Master of Computer Applications (MCA)

Ajay Kumar Garg Engineering College, Ghaziabad
- Specialized in software development, algorithms, and database systems.
- 06/2018-03/2021

Bachelor of Computer Applications (BCA)

Dr. K.N. Modi Institute of Engineering and Technology, Modinagar
- Focused on programming fundamentals, web development, and computer applications.
- 03/2015-03/2018

High School & Intermediate

Kendriya Vidyalaya Mau & R.R.S IC Siswar
- Completed foundational education with a focus on science and mathematics.

PROJECTS

- Java 8 / Spring Boot

Pradhan Mantri Formalisation of Micro Food Processing Enterprises Scheme

Ministry of Food Processing Industries
- Optimized backend APIs handling large datasets and report generation, reducing processing time by 50% and storage usage by 80%.
 - Designed and managed PostgreSQL database schemas, indexes, and relationships to support high-volume transactional data.
 - Developed and enhanced RESTful APIs using Java 8 and Spring Boot to support government-scale workflows and reporting requirements.
 - Deployed and maintained applications on Linux-based servers using Apache Tomcat, ensuring stability and production readiness.
- Spring Boot / AWS

Employee Stock Ownership Plan (ESOP)

Mind IT Systems
- Developed secure REST APIs within a modular monolithic architecture using Spring Boot and JWT-based authentication.
 - Integrated AWS S3 for document storage and retrieval, improving file access performance by 30%.
 - Optimized MySQL queries and transaction handling, reducing API response time by 20%.
 - Collaborated with cross-functional teams to integrate backend services and ensure data consistency across modules.
- Spring Boot / AWS

Mirai (Event Management System)

Mind IT Systems
- Designed and developed RESTful backend services using Spring Boot to support event management, ticketing, and user interactions.
 - Implemented QR code generation and integrated messaging services for notifications and user engagement.
 - Utilized AWS S3 for media storage and Amazon Rekognition for image processing and indexing.
 - Ensured backend compatibility across multiple client platforms through well-defined API contracts.

LANGUAGES

English (Fluent), Hindi (Native)