

RAJEEV NAYAN

Full Stack Java Developer

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PROFESSIONAL SUMMARY

Results-driven Full Stack Java Developer with comprehensive expertise in Spring Boot, ReactJS, Microservices, and PostgreSQL. Experienced in building scalable systems and secure RESTful APIs using JWT authentication and Dockerized microservices. Passionate about writing clean, efficient code and delivering production-ready applications optimized for performance and reliability. Specialized in architecting microservices for scalability and fault tolerance with extensive experience in real-time applications and event-driven systems.

TECHNICAL SKILLS

Programming Languages:	Java, JavaScript, SQL, HTML, CSS
Frameworks:	Spring Boot, Spring MVC, Hibernate, ReactJS, Node.js
Databases:	MySQL, PostgreSQL, Oracle, Redis
Messaging/Streaming:	Apache Kafka, WebSocket
Tools:	Git, Maven, Docker, Postman, Swagger, VS Code, Eclipse
Concepts:	Microservices, REST APIs, OOP, JWT Authentication, Exception Handling

EDUCATION

Master of Computer Applications (MCA)

Dr. A.P.J. Abdul Kalam Technical University, Lucknow | Aug 2022 – Aug 2024

MAJOR PROJECTS

Real-Time Chat Application

Technologies: Spring Boot, Microservices, ReactJS, WebSocket, Redis, PostgreSQL, JWT

Developed a secure real-time chat platform supporting multiple active users. Implemented JWT-based authentication and role-based access control for safety. Cached active sessions and messages in Redis for low-latency performance. Architected microservices for scalability and fault tolerance.

Real-Time Stock Trading Simulation

Technologies: Spring Boot, Kafka, ReactJS, Redis, PostgreSQL, JWT

Designed an event-driven stock trading simulator with real-time data updates. Used Kafka for asynchronous event handling and portfolio synchronization. Implemented WebSocket notifications for live trade executions. Created admin analytics dashboard to monitor system activities.

Online Movie Booking System

Technologies: Spring Boot, ReactJS, PostgreSQL, Redis, JWT

Built a full-stack movie booking system with seat selection and booking history. Used JWT authentication for user and admin roles with secure endpoints. Cached frequent booking queries in Redis for faster responses. Optimized REST APIs and database design for higher throughput.

E-Commerce Platform (Microservices)

Technologies: Spring Boot, ReactJS, PostgreSQL, Kafka, Redis, Docker

Developed an e-commerce platform using microservice architecture. Implemented Kafka-based messaging for real-time order tracking. Used Redis caching and JWT-secured REST APIs for performance and security. Containerized services with Docker for easy deployment and scalability.

Learning Management System (LMS)

Technologies: Spring Boot, ReactJS, PostgreSQL, WebSocket, Redis, JWT

Created a learning platform with live classes, assignments, and user tracking. Implemented WebSocket-based real-time updates and Redis caching. Secured endpoints with JWT authentication for Students, Instructors, and Admins. Delivered a modular system architecture with clean separation of concerns.

CERTIFICATIONS

- JavaScript (Basic) – HackerRank
- Problem Solving (Basic) – HackerRank
- AI Fundamentals – Great Learning