

RAVI KUMAR RANA

+91 7004889412 | ravikumarrana66@gmail.com

Career Objective

Results-driven software engineer with 7 years of expertise in backend and full-stack development, specializing in Java, Spring Boot, Microservices architecture and distributed systems. Passionate about designing and implementing high-performance, scalable, and secure applications in cloud environments. Adept at working in agile environments and leading software solutions that enhance business performance.

Professional Summary

- 7 years of experience in software development with expertise in backend engineering and full-stack development.
 - 5+ years of hands-on experience in Spring Boot, Microservices architecture, designing high-performance RESTful APIs with 80–90% test coverage.
 - Strong knowledge of distributed systems, microservices architecture, and cloud-based solutions.
 - Experienced in front-end technologies (React JS, TypeScript) with a strong grasp of client-server architecture, including advanced concepts like Server-Side Rendering (SSR) and React Hydration for seamless performance and SEO optimization.
 - Proven ability to optimize system performance, ensuring durability, cost efficiency, and security.
 - Excellent problem-solving and analytical skills, recognized with multiple awards for technical contributions and leadership.
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Technical Skills

- **Languages:** Java (8+), SQL, TypeScript, JavaScript
 - **Backend:** Spring Boot, Spring Framework, Spring Cloud, Spring REST APIs, Spring Test, Microservices architecture, Hibernate, JPA, Multithreading, RabbitMQ, Kafka, Elasticsearch, JUnit, Mockito, Sonar, etc
 - **Frontend:** ReactJS, JavaScript, TypeScript, Server Side Rendering (SSR), Micro Frontends architecture, etc
 - **Databases:** MySQL, Oracle DB, NoSQL
 - **Cloud & DevOps:** AWS, Azure, Dockers, Jenkins, Helm, CI/CD Monitoring
 - **Tools & Platforms:** Eclipse, IntelliJ, Postman, Swagger, Git, Maven, Gradle, Jira, Agile/Scrum
 - **CMS Platforms:** Adobe Experience manager (AEM).
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Professional Experience

Java Full Stack Developer | ITC InfoTech

Client: BlackRock Inc.

Jul 2024 – Present

- Designed and developed scalable microservices and RESTful APIs for high-traffic, multi-region web platforms.
- Built reusable AEM components integrated with React, enabling seamless runtime hydration via SSR for enhanced performance and SEO
- Led requirement analysis and user story creation in Azure ADO, reducing project delays by 15%.
- Optimized system performance, cost, and security with cloud-based solutions.
- Achieved 85–90% code coverage with unit testing, improving system reliability.
- Awards: Outstanding Performer of the Quarter, POTB

Java Full Stack Developer | IBM

Apr 2022 – Jun 2024

- Developed multiple micro services which expose restful APIs for IBM's Automation Platform, enhancing knowledge corpus management.
- Integrated RabbitMQ and Elasticsearch for improved data retrieval and system efficiency.
- Streamlined project execution using Agile with Jira, recognized for key contributions.
- Managed CI/CD pipelines and monitored service deployments using Helm charts.

Java Full Stack Developer | Tata Consultancy Services (TCS)

Client: Bank of America - Healthlogic Project

Feb 2019 – Apr 2022

- Developed Spring Restful endpoints to expose the business functionality and ensuring test coverage.
- Developed revenue cycle management solutions, processing millions of healthcare transactions.
- Built a compliant multi-provider, multi-payer claims management system.
- Awards: Best Team Award, Technical Excellence Award

Android Developer | Tata Consultancy Services (TCS)

Project: TCS Ignite Nutrition Application

Jul 2018 – Feb 2019

- Built an Android-based nutrition app using ML for food/nutrient recognition (95% accuracy).
 - Integrated secure authentication features, boosting user engagement by 30%.
 - Collaborated on API integration, reducing processing time by 40%.
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Education

- **Master of Computer Applications (MCA)**
Sastra Deemed University, Chennai, Tamil Nadu | 83%
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Key Achievements

- Technical Excellence, Best Team Award, Special Achievement Awards at TCS & IBM
 - Outstanding Performer of the Quarter at ITC InfoTech
 - Recognized for leadership and efficiency improvements across multiple projects
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Personal Details

- **Date of Birth:** July 10, 1995
- **Languages:** English, Hindi
- **Nationality:** Indian

Declaration

I hereby declare that the information provided is true to the best of my knowledge.

Ravi Kumar Rana

09-06-2025