

# Praveen Kumar Soni

Hyderabad, India

( Full Stack Java Developer )

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## Profile Summary

Results-driven **Java Full Stack Developer** with over **10+ years** of experience in designing, developing, and deploying **scalable web applications and microservices**. Adept at building robust backend systems using **Java (8-17)**, **Spring Boot**, **WebFlux**, and event-driven architecture with **Apache Kafka**. Skilled in creating responsive, high-performance user interfaces using **React.js** and modern frontend patterns.

- Expertise in building **RESTful APIs** and **reactive microservices** using **Spring Boot**, **Spring WebFlux**, and **MongoDB/MySQL/PostgreSQL**.
- Solid experience with **React.js**, including Hooks, state management (Redux/Context), code-splitting, and performance optimizations using `useMemo`, `useCallback`.
- Worked on **Kafka-based messaging pipelines**, implementing producers, consumers, and retry mechanisms for fault tolerance.
- Hands-on experience with **AWS (EC2, S3, CloudWatch)** for application deployment, monitoring, and storage of blob data.
- Proficient in **test-driven development** (TDD) with **JUnit**, **Mockito**, and API testing with **Postman/Karate**.
- Familiar with **CI/CD practices**, version control (Git), build tools (Maven, Gradle), and **containerization** using Docker.
- Integrated tools for code quality and security like **Checkstyle**, **SonarQube**, **PMD**, and **Checkmarx**.
- Strong understanding of system design principles, **Hexagonal Architecture**, and performance profiling (JMeter).
- Experience working in **agile teams**, conducting code reviews, mentoring juniors, and collaborating with cross-functional stakeholders.

## Skills

- **Backend:** Java (8 to 17), Spring Boot, Spring WebFlux, Spring Security, REST APIs, Microservices, gRPC (basic), GraphQL, Redis, Kafka, Hibernate, JPA
- **Frontend:** React.js, Redux, HTML5, CSS3, JavaScript (ES6+), Material UI, Bootstrap
- **Testing & Quality:** JUnit 4/5, Mockito, Cypress, JMeter, Checkstyle, PMD, SonarQube, Checkmarx
- **DevOps & Tools:** Git, GitHub, GitLab, Bitbucket, Maven, Gradle, Jenkins, Docker, PCF
- **Cloud & Platforms:** AWS (EC2, S3, Lambda), WAS 8.5, Linux, Windows, Mac
- **Databases:** MongoDB, PostgreSQL, MySQL, DB2
- **Architecture & Design:** Hexagonal Architecture, TDD, BDD, Event-driven architecture, Monorepo strategy.
- **Other Tools & Technologies:** Swagger/OpenAPI, Postman, Visual Studio Code, IntelliJ IDEA, Android Studio.
- **Leadership:** Strong mentor and team player with excellent communication and people management skills.
- **Problem-Solving:** Analytical, calm under pressure, and energetic in delivering creative solutions.

## Work Experience

Epam Systems, Hyderabad, India | **Senior Software Engineer**

Apr 2024 – Present

- Built scalable middleware services for the **Marcus App (Goldman Sachs)**, streamlining complex deposit workflows and enhancing transactional reliability.
- Spearheaded Java version upgrade from 8 to 17, leveraging new language features (records, switch expressions, text blocks) to boost code clarity and efficiency.
- Improved React.js frontend performance by **20%** through useCallback, useMemo, and client-side caching optimizations.
- Enhanced system stability by integrating **Apache Kafka** with a custom retry mechanism, reducing failure rate by **0.5%**.

Intercontinental Exchange (ICE), Hyderabad, India | **Senior Software Engineer**

Sep 2023 – Mar 2024

- Designed and developed robust **Spring Boot APIs** and reusable UI components in **React.js**, ensuring a cohesive and responsive user experience.
- Established code quality pipelines with **Checkstyle**, **PMD**, **SpotBugs**, and **Checkmarx**, ensuring security and maintainability.
- Maintained high **test coverage** using **JUnit**, **Mockito**, and end-to-end integration testing, reducing production bugs.
- Regularly performed code reviews and refactored legacy modules to enhance performance and readability.

Blue Yonder, Hyderabad, India | **Senior Software Engineer**

Jun 2021 – Sep 2023

- Developed high-throughput services using **gRPC** and **Spring WebFlux**, achieving a **3x performance improvement** over traditional REST.
- Implemented schema-first **GraphQL APIs** for flexible and efficient client-side consumption.
- Led proof-of-concept implementations using **Redis**, **WebFlux**, and **GraphQL** for scalable architecture design.
- Mentored junior engineers and enforced coding standards through regular code reviews and paired programming.
- Created performance testing suites with **JMeter**, validated scalability, and introduced a monorepo strategy for managing microservice configurations.

Epam Systems, Hyderabad, India | **Software Engineer**

Jul 2020 – Jun 2021

- Built RESTful microservices with **Spring Boot** using **Hexagonal Architecture**, enabling modular and testable codebases.
- Achieved **90% test coverage** with **JUnit** and **Mockito** via a test-driven development approach.

- Developed reusable adapters and domain-driven service layers aligned with best practices in clean architecture.

**Wipro Technologies, Hyderabad, India | Senior Software Engineer**

**Jul 2015 – Mar 2020**

- Delivered end-to-end SPA development using **React.js**, **Redux**, and **Spring Boot**, enhancing performance and modularity.
- Developed a security module for Member360 using **JWT** and **Spring Security** to ensure data integrity and user authentication.
- Built reusable UI components leveraging **Material UI**, **Bootstrap**, and in-house design systems.
- Worked across diverse projects in healthcare and finance, contributing to scalable and secure enterprise solutions.

## Education

- ✓ **Master of Engineering** | BITS PILANI – 2020 (work integrated)
- ✓ **Bachelor of Science** | OSMANIA UNIVERSITY – 2015

## Activities and Interests

- Pc Games, Coding, Listening Music.