

# PAVAN KUMAR S J

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## PROFESSIONAL SUMMARY

Full Stack Software Engineer with 2+ years of experience in Java, Spring Boot, RESTful APIs, Angular, and Oracle. Proficient in designing and developing scalable web applications and microservices with complete SDLC exposure. Strong background in Agile development, CI/CD, performance tuning, and unit testing. Adept at collaborating with cross functional teams and delivering high-quality, maintainable code. Familiar with Spring Security and React.js

## SKILLS

- **Programming Languages:** Java, JavaScript, SQL
- **Backend Technologies:** Spring Boot, Hibernate, Microservice Architecture, Spring MVC, JDBC, Log4j
- **Database design & Modeling:** MySQL, Schema Design, Query Optimization
- **Development Tools:** Eclipse, IntelliJ, Maven, Gradle, Postman, SoapUi
- **Frontend Technologies:** Angular, DevExtreme, React.js, HTML5, CSS3
- **Tools & Platforms:** Git, Bitbucket, Jira, GenAI, CI/CD
- **Testing Tools:** Junit, Mockito

## WORK HISTORY

### Application Developer IBM (netConnect)

AUG 2025 – current

- Developing and enhancing enterprise applications using Java and Spring Boot, focusing on backend performance and scalability.
- Implementing data transformation logic to seamlessly convert XML ↔ JSON for integrating SOAP APIs into RESTful services.
- Writing and maintaining unit tests using JUnit and Mockito to ensure code reliability and maintain high test coverage.
- Leveraging GenAI tools to accelerate code generation, reduce human errors, and improve overall development efficiency.
- Developing responsive and dynamic front-end interfaces using React.js, ensuring a smooth user experience and efficient API integration.

### Software Engineer Synchronoss Technologies | Lumine

AUG 2023 – FEB2025

- Designed and developed a high-performance Invoice Processing System using Java, Spring Boot, Angular.
- Created and optimized REST APIs to handle large scale financial data with improved throughput.
- Integrated DevExtreme UI components for rich, responsive data tables with filtering, sorting, and pagination.
- Wrote clean, maintainable code with proper documentation, following best coding practices.
- Optimized Oracle SQL queries and PL/SQL stored procedures, improving performance by 20%.
- Collaborated with cross-functional teams (Product, QA) to define and implement new features in Agile sprints.
- Implemented unit tests using Junit and Mockito, achieving over 80% code coverage and ensuring reliable code quality.

## PROJECTS

### 1. Cost Analytics – Invoice Management

**Technologies:** - Java, Spring Boot, Angular, DevExtreme, Kafka, ActiveMQ

#### Project Overview

Cost Analytics application includes multiple projects which are used to load invoices into the system and process the same to give the details in the invoice on a UI, where the user is allowed to review and approve invoices. gives on-demand spend analytics and payables automation software for customers to fully automate it's spend management and analytics functions.

#### Key Responsibilities:

- Built a robust front-end interface using Angular Extreme for viewing, filtering and approving invoices based on user roles.
- Developed a Spring-Boot based backend to manage business logic and service layers integration.
- Utilized Kafka for asynchronous event processing.
- Identified and resolved performance bottlenecks by optimizing queries, improving server configurations, and refining the backend architecture.

### 2. ROME (Revenue Opportunity Management Enterprise)

**Technologies:** Java, Spring Boot, React.js, SOAP, REST, JUnit, Mockito

#### Project Overview:

ROME is an enterprise-grade system that manages the entire lifecycle of revenue opportunities—from initiation (such as new internet or LAN connection requests) to billing and payment management. It integrates legacy SOAP services with modern RESTful APIs, offering a unified platform for opportunity creation, tracking, and revenue analytics.

#### Key Responsibilities:

- Developed and maintained backend microservices using Spring Boot, enabling seamless integration between SOAP-based and RESTful systems.
- Designed and implemented data mapping logic to convert XML ↔ JSON formats, facilitating efficient communication between heterogeneous systems.
- Built responsive and user-friendly React.js interfaces for opportunity creation, billing details, and payment tracking.
- Used JUnit and Mockito for writing high-quality unit tests and ensuring consistent code reliability.
- Leveraged GenAI tools for automated code generation, enhancing development speed and minimizing human errors.
- Collaborated closely with business analysts, solution architects, and QA teams to translate functional requirements into scalable technical solutions.
- Optimized backend workflows to improve system responsiveness and reduce integration latency between SOAP and REST layers.
- Followed Agile/Scrum development practices with regular sprint planning, demos, and retrospectives.

## EDUCATION

Master of Computer Application (MCA) | CGPA: 8.4 | 2019 - 2022

Dr. Ambedkar Institute of Technology – Bangalore, India

## CERTIFICATIONS & ACHIVEMENTS

- Certified in SQL – HackerRank
- Certified Java Developer – IBM
- HackerRank 5-Star Achiever