

Prateek Maheshwari

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PROFESSIONAL SUMMARY

Senior Backend Engineer with 3.5+ years of experience designing and scaling server-side systems using Java and Spring Boot across finance, insurance, and healthcare domains. Strong background in high-volume APIs, distributed systems, performance optimization, and cloud-native architectures, with proven ownership of production backend platforms.

TECHNICAL SKILLS

Languages & Frameworks: Java (8+), Spring Boot, REST APIs, Python

Backend & Architecture: Microservices Architecture, Distributed Systems, System Design, Event-Driven Systems

Databases & Caching: PostgreSQL, MySQL, Oracle, Redis, Elasticsearch

Cloud & DevOps: AWS (S3, Lambda, DynamoDB), Docker, CI/CD, Git, Linux/Unix

Messaging & Integration: Apache Kafka, Asynchronous Processing

EXPERIENCE

Bounteous | *Senior Software Engineer* (Java, Spring Boot, AWS, REST APIs, SQL) (Mar 2025 – Present)

- Own and develop backend microservices for document management and workflow automation platforms
- Led migration of **10+ services** from on-prem storage to **AWS S3**, improving durability and scalability while reducing server maintenance costs by **~33%**
- Designed **event-driven processing pipelines** using Spring Boot, AWS Lambda, DynamoDB, and S3
- Built automated reporting workflows, reducing report generation latency by **~60%**
- Implemented dynamic document processing (PDF/image manipulation, automated data mapping), accelerating business workflows by **up to 80%**

RxLogix | *Software Engineer* (Java, Spring Boot, SQL, Redis, Elasticsearch, Docker) (Feb 2022 – Nov 2024)

- Designed and maintained **high-traffic RESTful APIs** using Java and Spring Boot for enterprise pharmacovigilance platforms
- Improved backend performance by **~25%** through **SQL query optimization**, indexing, and Redis-based caching
- Re-architected static auto-narrative logic into a **dynamic, template-driven system**, reducing update time by **~50%**
- Worked on **data-heavy workflows** requiring correctness and consistency in regulated healthcare systems

PROJECTS

Unicode Support Enhancement for Multilingual Exports

- Implemented multi-font Unicode support in a Spring Boot application to improve internationalization and export reliability
- Improved PDF export performance and compatibility by **~30%**
- Tech: Java, Spring Boot, iTextPDF

EDUCATION

Bachelor of Technology

2018 – 2022

JSS Academy of Technical Education

ACHIEVEMENTS AND AWARDS

- **Spot Award** – RxLogix (Top 5 of 500 employees)
- **First Prize** – InOut 7.0 Hackathon
- **Top 15** – HackCBS Hackathon