

AASIM SYED

SOFTWARE DEVELOPER

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Portfolio : [syedaasim.in](#)

SUMMARY

Backend Software Developer with 3+ years of experience building and maintaining Java-based microservices for data-intensive enterprise systems. Expertise in Spring Boot, distributed systems, REST/gRPC APIs, Elasticsearch, and messaging systems, with strong focus on performance optimization, security (OWASP), and large-scale migrations.

WORK EXPERIENCE

Software Developer | Prospecta Software | Gurugram, India

June 2023 – Present

- Develop and maintain **20+** Spring Boot-based microservices for cluster-deployed Master Data Management product.
- Contributed as a key team member in the phased migration of applications from **Spring Boot 2.7.17** → **3.2.4** → **4.0.0**, ensuring backward compatibility, minimal downtime, and overall platform security, stability and reliability.
- Migrated **Elasticsearch** from version **7.17.x** to **9.2.0**, including transition from **Rest High-Level Client** to **Elasticsearch Java Client**, reducing query latency by **25%** and improving overall system performance, maintainability and reliability.
- Implemented a rule metadata packaging and deployment mechanism to streamline environment-to-environment movement, significantly reducing manual effort.
- Created a **Task Analytics dashboard** powered by Elasticsearch aggregations to surface key performance insights, enabling teams to make informed, timely, smarter and data-driven decisions efficiently.
- Designed high-performance **RESTful APIs** aligned with microservices architecture. Boosted processing efficiency by **25%** through improved data flow and optimization techniques.
- Engineered and integrated **gRPC-based communication** with automated retry strategies across microservices. Improved response times by reducing latency by **30%** and ensuring higher fault tolerance.
- Identified and mitigated application security vulnerabilities in alignment with **OWASP standards**. Strengthened overall application security posture and reduced potential risk exposure.
- Implemented **audit logging using Spring Envers** to capture detailed entity-level changes across services. Enabled end-to-end traceability and reliable historical data tracking for compliance and auditing needs.
- Built **dashboard report generation and download functionality** using **RabbitMQ-based workflows**. Enabled non-blocking processing, reducing response latency and increasing throughput by **35%**.

Vocational Trainer | Nitcon Ltd. | Amravati, Maharashtra

December 2020 – April 2022

- Delivered structured vocational training programs under the **NSQF (Government of India)** for government high school students. Strengthened communication, documentation, and mentoring skills.

TECHNICAL SKILLS

Languages: Java (Core, Java 8+), SQL, JavaScript, TypeScript

Frameworks & Architecture: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Micro-services, REST APIs, gRPC, JUnit

Databases & Infrastructure: PostgreSQL, Elasticsearch, RabbitMQ, Docker, AWS, Git, Hazelcast, Liquibase, Jenkins

Frontend (Working Knowledge): Angular, HTML, CSS

PROJECTS

Spring stack-play Projects : [Code](#)

- Developed multiple **Spring Boot-based backend services** implementing real-world patterns including CRUD APIs, JPA/Hibernate mappings, Elasticsearch querying, RabbitMQ workflows, and gRPC communication.
- Focused on data modeling, query optimization, and microservice communication.

Portfolio : [Link](#)

- Created an evergreen platform to showcase projects and professional experience.

EDUCATION AND CERTIFICATION

- Bachelor Of Engineering | Savitribai Phule Pune University

SEPT 2016 - JUNE 2019

- Java Backend Development | Masai School, Bangaluru : [Certificate](#)

APRIL 2022 - MAY 2023