Govind Saxena

Senior Software Engineer

Backend engineer who writes about distributed systems — and the people who build them.

- Open to work

Profile

Core expertise
4+ years of backend architecture, full SDLC execution, and scaling cloud-native microservices with Java, Spring Boot, Kafka, Hazelcast, Project Reactor and Docker.

AI & engineering execution
Actively leveraging AI-native workflows (agentic task planning, automated JUnit generation, self-updating PR reviews) within 3-week Agile CI/CD release cycles.

Business impact
Proven track record of delivering resilient, high-throughput systems, including real-time inventory, Rail Yard Management and Worker Safety platforms, while driving code quality, performance tuning and team mentorship.

Experience

Accenture

Gurugram · Feb 2026 – present

Senior Software Engineer Feb 2026 – present

- **Legacy modernization.** Spearheaded the migration of core legacy mainframe systems to a cloud-native microservices architecture for Canadian National Railway (CN), enhancing system scalability and maintainability.
- **AI-native lifecycle integration.** Engineered an agentic coding lifecycle spanning automated task planning, code generation, JUnit unit testing, integration testing and agent-driven PR reviews.
- **Domain & delivery.** Architected critical features for CN's Rail Yard Management and Worker Safety systems within a rapid CI/CD pipeline, delivering production releases on a 3-week sprint cycle.
- **Technical leadership & agent training.** Mentored junior engineers and integrated self-updating AI agents into the code review workflow to continuously refine code quality and review standards.

Blue Yonder

Bengaluru (remote) · May 2022 – Feb 2026

Software Engineer I Jun 2023 – Feb 2026

Associate Software Development Engineer May 2022 – May 2023

- **Distributed systems architecture.** Designed, built and scaled a high-throughput centralized availability microservice and real-time inventory platform for Blue Yonder's omnichannel solution, using Kafka to process high-volume transactional data for downstream systems.
- **AI-assisted engineering & resilience.** Integrated AI prompting techniques to accelerate development, resolve edge cases and eliminate production bugs. Implemented reactive ETL pipelines, distributed tracing, dynamic throttling and supply-scoring APIs to optimize warehouse operations.
- **Quality & engineering standards.** Boosted core module test coverage from 70% to 90% with Mockito, automated Swagger API documentation, and kept code quality high across inventory systems.
- **Technical leadership & onboarding.** Led rigorous code reviews, conducted knowledge-transfer sessions on system architecture, and mentored junior engineers to accelerate onboarding and team efficiency.

Undocked

Jan – Apr 2022

Engineering Intern

Technical skills

Languages	Java 17
Frameworks	Spring 5 / Spring Boot · Project Reactor · Hazelcast · Kafka
Databases	Cassandra · MySQL · MongoDB
Testing	JUnit · Mockito
Tools	Docker · GitHub · Jira · IntelliJ IDEA

Core competencies

Back-end systems architecture & development | Performance tuning & scalability | Cloud deployment & containerization | Full software development lifecycle | Requirement gathering & analysis | Mentorship, code reviews & knowledge transfer | Client / stakeholder management | Project execution & management

Education

B.Tech, Computer Science & Engineering, 2022
Uttar Pradesh Technical University (now Dr. A.P.J. Abdul Kalam Technical University)

Languages

English (proficient)
Hindi (proficient)