

Arjun Sethi

Senior Software Engineer (Java, Patterns, Performance)

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Summary

Performance-focused Java engineer (6+ years) in enterprise manufacturing systems, specializing in algorithmic optimization, data structures, and low-latency REST services.

Core Skills

Java 17, Spring, REST, Vaadin, Swing, Oracle, SQL Server, JUnit, Mockito, Jenkins, GitLab, Maven, ANT, Eclipse, SVN, JIRA, profiling (JFR, VisualVM), SAFe, Docker.

Experience

Senior Software Engineer — DeltaForge Automation | 2022–Present

- Rewrote scheduler using priority queues & heuristics, reducing makespan by 18%.
- Introduced Observer pattern for event-driven UI refresh.

Software Engineer — PlantSys Technologies | 2019–2022

- Owned unit/integration test plans, led code reviews, and improved cyclomatic complexity across modules.
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Education & Certifications

B.Tech, CSE — VIT

Oracle Java SE 11, SAFe® 6 Practitioner