

Sameer Khan

Senior Software Engineer (Enterprise Patterns)

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Summary

Enterprise Java engineer with deep understanding of design patterns (Strategy, Factory, Observer, Command) applied to MES orchestration and UI flows. Experienced in reviews and global collaboration.

Core Skills

Java 11/17, Spring, Vaadin, Swing, REST, Oracle, SQL Server, Jenkins, GitLab, JUnit, Mockito, ANT, Maven, Eclipse, SVN, JIRA, SAFe, Docker, TDD/BDD.

Experience

Senior Software Engineer — Atlas Manufacturing Systems | 2021–Present

- Implemented modular orchestration engine using Command pattern to manage batch steps.
- Introduced review checklists; reduced escaped defects by 31%.
- Partnered with US/EU teams for multi-site rollouts.

Software Engineer — AlphaMES | 2017–2021

- Developed Swing screens for deviation management; migrated to Vaadin components.
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Education & Certifications

B.Tech, CSE — MANIT Bhopal

Oracle Java SE 11, SAFe® 6 Practitioner