Javed Hussain

Lead Engineer

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SUMMARY

Lead Engineer with 9 years of experience in backend engineering across Java, Python and TypeScript. Leads a team building AI-agent capabilities on a shared data platform. Previously architected an event-driven integration platform of 10+ microservices and delivered several cross-team programmes to fixed deadlines. Practises TDD and pair programming.

EXPERIENCE

Target

Bengaluru, India

Lead Engineer — Oct 2026 – Present

- Lead a team building AI-agent capabilities that detect signals in business data and drive follow-up actions.
- Took a cross-team data initiative from proof of concept to a long-term project, defining the **data contract** and **Apache Iceberg** schema that consolidate fragmented data into one normalised layer. Now building operational visibility and agent capabilities on top of it.

Senior Engineer — Jun 2022 – Oct 2026

- Architected and owned an **event-driven integration platform** (Java, Spring Boot, Kafka) of **10+ microservices** connecting multiple third-party partner systems. Its retry and dead-letter design became the standard for every integration.
- Designed a Facade- and Factory-based integration architecture that allows new partners to be added without changing core routing. It was adopted across the team's portfolio.
- Delivered cross-team programmes against hard deadlines, including a **regulatory compliance initiative** spanning several systems and the rollout of **two new sites.**
- Built a production **GenAI system** (LLM plus fine-tuned BERT) that summarises and classifies incidents, and presented it to executive leadership.
- Introduced static analysis with a **90% coverage quality gate** across **15+ repositories,** migrated **8+ services** to centralised credential management and led vulnerability remediation across **10+ applications.**

Incubyte

Remote, India

Software Craftsperson — May 2021 – Jun 2022

- Customer Account Transaction System: built an event-driven platform (Spring Boot, Micronaut, Angular, MSSQL) using **outside-in TDD** and pair programming, with GraphQL filtering, sorting and search, delivered through Azure DevOps. Received an outstanding rating in performance review.
- Consents & Revocation: owned application development (Spring Boot, React, Azure Cosmos DB), laying the foundation from scratch with Spring AOP, validation and authorisation, and took part in requirements gathering.

Infosys

Bengaluru, India

Technology Analyst — Jan 2021 – May 2021

- Redesigned the architecture of a core Java engine as a microservice-based, multithreaded system (Spring Boot, Angular, MSSQL).

Senior Systems Engineer Jan 2020 – Dec 2020

- Owned the Unstructured Data Discovery product from development through client proofs of concept, and **led a team of three.**
- Built an NLP and pattern-based solution for finding and masking sensitive data (Python, Flask, spaCy, SQLAlchemy), with a multithreaded pipeline for throughput.
- Added REST APIs that made the product cloud-ready and simpler to deploy, which **opened a new revenue line.**

Systems Engineer Apr 2018 – Dec 2019

- Replaced the sequential execution model of iEDPS, a data privacy product, with a multithreaded pipeline, improving performance by **50%+** on multicore systems.
- Refactored algorithms for scalability and deadlock safety, and used YourKit profiling to cut memory load by **30%.**
- Received the **Insta Award** for outstanding performance (Q4 2019).

Systems Engineer Trainee Nov 2017 – Mar 2018

- Top performer in the training programme with a 93% aggregate; named GEC Super Star.

SELECTED PROJECTS

Tracktor github.com/javedh-dev/tracktor
Self-hosted vehicle management app covering fuel, maintenance, insurance and running costs. Svelte, TypeScript, Docker. 1k+ GitHub stars.

tallymoth github.com/javedh-dev/tallymoth
Privacy-first event ingest and query service: one static Go binary with SQLite storage, about 15 MB idle.

ScaleBar github.com/javedh-dev/ScaleBar
macOS utility for sharp HiDPI scaling on external displays (Apple Silicon), with brightness and volume over DDC/CI. Swift.

SKILLS

Languages: Java, Python, TypeScript; also Go and Swift

Backend: Spring Boot, Micronaut, Node.js, Flask, Kafka, REST, GraphQL

Frontend: Angular, React, Svelte, Tailwind CSS

Data and cloud: PostgreSQL, SQLite, Apache Iceberg, Azure, Docker, Linux

Practices: TDD, pair programming, CI/CD, event-driven design, code review, Agile

AI: LLM-based systems, AI agents, Claude Code

EDUCATION

B.Tech, Computer Science & Engineering (Honours) 2013 – 2017
University College of Engineering, Kota (Rajasthan Technical University) · 8.08 CGPA