

# Abhishek Jain

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## Skills

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- **Programming Languages** : Java, Python, Javascript, Kotlin, C, C++
- **Libraries and Frameworks** : Firebase, Flutter, MVVM, MVC, Python Libraries, Spring Boot, SonarQube, Fast API
- **Tools** : MySQL, PostgreSQL, Android Development, Git, REST API, CI/CD, postman, Prompt Engineering, GitHub, JIRA, Pandas, Matplotlib, Jenkins, GitHub Actions, Artifactory, Microservices, AWS, MongoDB, NoSQL, SQL, SQL Server, Excel, Grafana, Cassandra, Docker, Kubernetes, Prometheus, Generative AI

## Experience

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**Software Development Engineer**, Wheelseye Technology India Private Limited Dec 2021 - Present

- Developed and optimized **Spring Boot APIs** having low-latency performance with efficient indexing and scalable code.
- Leveraged AI tools like **Cursor, GitHub Copilot, and Claude AI** to enhance quality and speed of delivery.
- Ownership of Entire Mobile Development lifecycle of "**Booktruck**," with the team of **5+ Developer** responsible for **Optimized performance, troubleshooting, and debugged to guarantee a smooth, responsive UI/UX**.
- Managed active on-call support using **Grafana** and **CubeAPM** to debug production alerts, conducting RCAs and implementing preventive fixes to resolve incidents and ensure system stability.
- Conducted thorough **code reviews** and provided technical **mentorship** to junior and mid-level engineers. Authored **review guidelines** and ran monthly **tech talks** to raise code quality and foster continuous learning.
- Design and implemented **Android–Flutter communication architecture** enabling seamless routing and data exchange. Supporting 100+ communication to and fro with single channel with **zero major production issues**.
- Architected reusable API-call and event-tracking frameworks in Flutter to standardize networking and analytics. Cut **boilerplate significantly** and improved **developer productivity**.
- Delivered measurable performance wins by reducing **load time** from **300ms** and trimming **app size** by **4.5MB**.

**Android Engineer**, RailYatri (Stelling Technologies Pvt. Ltd.) Sep 2021 - Dec 2021

- Developed and implemented new features within existing Android applications using Core Java and Kotlin.
- Applied MVC architectural patterns in Android development to create structured and maintainable code.
- Demonstrated a focused and diligent approach to all assigned development tasks.

## Projects

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### [Funny Chat - Realtime Microservices](#)

A scalable, distributed messaging system handling high-throughput traffic via Spring Boot (Kotlin) & Flutter. Features a split-backend design for media processing, Polyglot Persistence (Mongo for chats, Postgres for users), MinIO for S3-compatible object storage, and full Kubernetes orchestration with HPA.

#Kotlin #Microservices #Kubernetes #MinIO #MongoDB #Flutter #kubernetes

### [Limited Cart - Handling concurrency with Distributed Sagas](#)

Production-grade e-commerce engine engineered for 'Flash Sale' concurrency spikes. Orchestrates distributed transactions using Temporal Sagas to prevent zombie reservations. Leverages Redis Lua scripts for atomic inventory locking, Kafka for asynchronous event decoupling, and Optimistic Locking to ensure data consistency under heavy load.

#Temporal.io #Kafka #Redis #Distributed Sagas #Spring Boot #Docker #High Concurrency #kubernetes

## Education

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Maharaja Agrasen Institute of Technology, BE/B.Tech/BS

2021

## Achievements

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**AWS AI Hackathon WINNER** : My team won 1st place at the Hackathon for a fully automated phone-callback AI that calls truck drivers and converses end-to-end in Hindi. It verifies drivers and captures vehicle details (axle/tonnage, 3-4 tyre, open/closed) without human intervention. Projecting ~40% customer-care cost reduction in phase one