Abhishek Jain

Delhi | abhu.jain.1999@gmail.com | +91-9871511230 | Linkedin

Skills

- **Programming Languages** : Java, Python, Javascript, Kotlin, C++
- **Libraries and Frameworks** : Firebase, Flutter, MVVM, MVC, Python Libraries, Spring Boot, SonarQube
- **Tools** : MySQL, PostgreSQL, Android Development, Git, REST API, CI/CD, postman, Prompt Engineering, GitHub, JIRA, Pandas, Matplotlib, Jenkins, GitHub Actions, Artifactory, MongoDB, Microservices, SQL, Excel, Google Colab, Docker, Kubernetes, No SQL, Generative AI

Experience

Software Development Engineer, Wheelseye Technology India Private Limited   Dec 2021 - Present
- Developed and optimized backend APIs using **Spring Boot** for low-latency performance with efficient indexing and scalable data models.
- Leveraged AI tools like **Cursor, GitHub Copilot, and Cloud AI** to enhance quality and speed of delivery.
- Led the **Mobile Engineering team** to design and implementation of an **Android–Flutter communication architecture** enabling seamless routing and data exchange. Supporting 100+ communcication channel with **zero major production issues**.
- Ownership of Entire Mobile Development lifecycle of "**Booktruck**," with the team of **5+ Developer** from design to deployment and maintenance. **Optimized performance, troubleshot, and debugged to guarantee a smooth, responsive UI/UX.**
- 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.
- Delivered measurable performance wins by reducing **load time** from **300ms** and trimming **app size** by **4.5MB**.
- Architected reusable API-call and event-tracking frameworks in Flutter to standardize networking and analytics. **Cut boilerplate significantly** and improved **developer productivity**.
- Designed a **Coroutine-based** WeWorker architecture to **simplify thread/context switching and error handling**.
- Responsible for migration of Android codebase from **Java to Kotlin** across **7 modules** in a focused 3-week sprint. Drove a sharp **drop in null pointer exceptions** and unlocked extensions, **coroutines, and suspend functions**.

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

Delhi Transit (Android Frontend + Spring Boot Backend)
A full-stack project consisting of an Android client for displaying real-time public transit information (routes, timings, etc.) and our own Spring Boot *server for managing and serving data from a PostgreSQL database.*

Handwritten Digit Recognition (Machine Learning)
A machine learning project focused on recognizing handwritten digits. It utilizes image processing to identify and interpret digits, designed to work with various writing styles.

Education

Maharaja Agrasen Institute of Technology, BE/B.Tech/BS   2021

Achievements

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.*