

# Saquib Akhtar Aneesur Rahman

+91 9168594565 | [saquib\\_ansari@outlook.com](mailto:saquib_ansari@outlook.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Stack Overflow](#) | [HackerRank](#)  
Mumbai, India

## Professional Summary:

Backend Engineer with **3.5+ years of experience** building **scalable, event-driven microservices and real-time data pipelines** for enterprise-scale systems. Strong proficiency in **Java, Python, Spring Boot, Apache Kafka, and FastAPI**, with hands-on experience deploying and operating services on **Docker and Kubernetes** through **automated CI/CD pipelines (Azure DevOps)**. Experienced in designing **robust REST APIs**, implementing **data validation and transformation frameworks**, and working with **Oracle and PostgreSQL** in high-volume environments. Demonstrated ownership across the **full software lifecycle**, from architecture and development to production deployment and operational support. Passionate about building reliable distributed systems and deepening expertise in **cloud-native infrastructure**.

## Education:

### Bachelor of Engineering in Computer Engineering

MET BKC Institute of Engineering, Nashik | **CGPA: 9.61** (July 2022)

## Work Experience:

### Digital Specialist Engineer L1

*Infosys (Pune) | Jul 2022 – Present*

- Owned and delivered **large-scale, event-driven data integration systems** for a global enterprise client (PepsiCo), streaming **shipment, trailer, and load events** across distributed supply-chain platforms using **Java, Spring Boot, Apache Kafka, and CDC**.
- Architected and implemented **high-throughput SAP-to-Kafka pipelines**, reliably processing **1M+ records** and enabling multiple downstream consumers with **low latency and fault-tolerant guarantees**.
- Designed and built **stateless, scalable microservices** to transform, validate, and enrich heterogeneous enterprise data before publishing to external and internal APIs.
- Led the design and development of a **real-time Warehouse Operations Dashboard**, aggregating data from globally distributed warehouse systems to improve **operational visibility, incident detection, and response time**.
- Developed **data aggregation and quality frameworks** using **Python, FastAPI, Pandas, and NumPy**, improving data accuracy, consistency, and auditability across enterprise workflows.
- Deployed and operated services on **Kubernetes (AKS)** using **Docker**, implementing **automated CI/CD pipelines in Azure DevOps** to support frequent, low-risk releases.
- Took **end-to-end ownership** of production systems, including **architecture, deployment, monitoring, and post-release hypercare**, proactively resolving Kafka lag, API failures, and data inconsistencies.
- Partnered directly with **client stakeholders, QA, and DevOps teams** to gather requirements, design APIs and schemas, and deliver solutions aligned with business-critical SLAs.
- Mentored engineers and contributed to **technical decision-making** within Agile teams, driving high standards for code quality, reliability, and operational excellence.

### Flutter Developer

*Inerton (Remote) | Aug 2021 – Jan 2022*

- Built Android applications and developed reusable Flutter packages from scratch.
- Led UI enhancements for textile industry apps, boosting user experience and operational communication.

## Projects:

### EAIGLE Integration (Pepsico) | Java, Springboot, Apache Kafka, Cosmos, Kubernetes, Azure Devops

- Designed and implemented a real-time data integration pipeline to stream trailer, load, and shipment data from multiple Supply Chain Hub systems to EAIGLE APIs using Kafka and CDC.
- Implemented Change Data Capture (CDC) on source tables and developed Kafka producers/consumers to ensure reliable, near-real-time event-driven data processing.
- Built Spring Boot microservices to transform, validate, and enrich data, mapping heterogeneous source systems to EAIGLE's standardized API contracts.
- Integrated with EAIGLE REST APIs, implementing retry, error handling, and idempotency mechanisms, and managing failures via Kafka DLQ topics.
- Containerized services using Docker and deployed to Kubernetes (AKS) with automated CI/CD pipelines in Azure DevOps for seamless multi-environment releases.

- Managed production deployments and hypercare support, monitoring Kafka lag, API failures, and data consistency issues to ensure stable post-release operations.

#### **SAP to Kafka Integration (Pepsico) | *Java, Springboot, Apache Kafka, MSSQL, Docker, Kubernetes, Azure Devops***

- Led the SAP to Kafka integration project as the technical lead, architecting and guiding the development of a scalable data pipeline using Spring Boot and Apache Kafka, with seamless integration to SAP PI/PO systems.
- Enabled reliable and efficient streaming of over 1 million records from SAP into Kafka topics, powering multiple real-time consumers and downstream services with enhanced performance and fault tolerance.
- Managed end-to-end deployment of the application into production and provided hypercare support post-release to ensure smooth operation and timely issue resolution.
- Containerized microservices using Docker and orchestrated deployments via Kubernetes, leveraging Azure DevOps for CI/CD automation and environment management.

#### **Warehouse Dashboard (Pepsico) | *Java, Springboot, Python, FastAPI, Pandas, Oracle, Docker, Kubernetes, Azure Devops***

- Designed and co-architected a real-time Warehouse Dashboard system to monitor deployment statuses, track errors, and integrate data from multiple decentralized warehouse systems. Took ownership of API design, database schema creation, and overall system architecture.
- Developed a cron-based data aggregation service to pull picking and delivery updates from all warehouse locations into a centralized table, enabling near real-time tracking of warehouse operations.
- Implemented an automated alert mechanism to send email notifications when any warehouse app was stuck processing orders, ensuring faster detection and resolution of operational bottlenecks.
- The dashboard became a mission-critical tool for the global app sustain team, significantly improving visibility and response time for incident management across all warehouses.
- Containerized microservice using Docker and orchestrated deployments via Kubernetes, leveraging Azure DevOps for CI/CD automation and environment management.

#### **Data Validation Suite (Pepsico) | *Python, Pandas, Numpy***

- Designed a customizable data validation and translation suite to ensure consistency across disparate databases, incorporating automated logic and detailed reporting for unconvertible or mismatched data, significantly improving data accuracy and traceability.

#### **Badli (Inerton) | *Flutter, Springboot, MongoDB***

- Contributed to the development of Badli, a socially impactful app built to help daily wage textile workers quickly find job opportunities.
- Played a key role in designing an intuitive and user-friendly Flutter UI tailored for a non-technical audience, while also supporting core app functionality and providing minor contributions to the Spring and MongoDB-based backend.

#### **Wage Wise | *Flutter, Isar DB***

- Developed a streamlined desktop app tailored for textile sizing businesses, enabling simplified and accurate bill calculations.
- Delivered a seamless user experience designed specifically for local industry workflows.
- Contributed significantly to UI design and core functionality development.
- Implemented subscription validation mechanisms to ensure authorized usage and licensing compliance.

#### **Drop Shadow Image Package | *Dart***

- Opensource flutter package for drop shadow image effect with customizable styling.

#### **AI Traffic Management System | *Python, C#, Unity***

- Simulated real-world traffic scenarios employing reinforcement learning algorithms.
- Adaptively controlled traffic signals and optimized routing strategies to alleviate congestion.
- Achieved a 35% improvement in overall traffic flow efficiency.

#### **Technical Skills:**

- **Programming Languages:** *Java, Python, Dart, C++, C#, JavaScript*
- **Frameworks:** *Spring Boot, FastAPI, Flask, Kafka, Pandas, Numpy, Flutter, .NET*
- **Databases & Data Engineering:** *MySQL, SQL Server, MongoDB, Postgres, ETL, Real-Time Data Processing, Data Pipeline*
- **DevOps & Infrastructure:** *Docker, Kubernetes, Azure DevOps (CI/CD)*

- **Tools and Platforms:** Git, Jira, GitHub, Bitbucket, Postman, Analytics with Firebase, IntelliJ, Android Studio
- **API & Architecture:** RESTful API, Microservices, System Architecture, Data Engineering
- **AI Tools:** Github Copilot, Microsoft Copilot, Antigravity Agents
- **Other Skills:** Estimation, Design & Development, Jenkins, Gradle, Maven, OAuth, JWT, SDLC, Firebase, Agile, Waterfall model, Prompt Engineering
- **Spoken Languages:** English, Marathi, Urdu, Hindi

#### **Certifications:**

- Google Professional Data Analytics - Coursera
- Accelerated Computer Science Fundamentals - Coursera
- Python, Java, SQL - HackerRank
- Power BI Workshop - Office Master

#### **Awards and Achievements:**

- Outstanding rating - For 2023/24 Performance Cycle and 2024/2025 Performance Cycle
- Infosys Rise Awards - For Exceptional Performance (Feb 2025)
- Pepsico Accounts Award - Exceptional Performance (Feb 2024)
- Infosys Insta Awards - For Good Performance & Re-skilling (Jan 2024)
- GATE 2022 - Qualified with AIR 10918 (Score: 337/1000)