

SHWETANK DIXIT

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Summary

Software Engineer with **4+ years of experience** building and scaling **low-latency, fault-tolerant backend systems**. Proven expertise in **distributed systems, high-throughput microservices, cloud native deployments, and performance optimization**. Skilled in delivering business critical, production ready systems in fast-paced, high-growth environments.

Education

Abes Engineering College

Bachelors of Technology in Computer Science Engineering

Aug 2018 – Jun 2022

Ghaziabad, India

Experience

Deutsche Telekom Digital Labs

Software Engineer

Jun 2024 – Present

Gurgaon, India

- Designed and developed backend services for the **T-Life (T-Mobile) application**, enabling **broadband management and performance diagnostics** by integrating multiple downstream systems.
- Built and enhanced a large-scale **Enterprise Product Catalog (EPC)** platform using **microservices and event-driven architecture** to manage product offerings, pricing, promotions, and quotes.
- Developed **catalog, pricing, and management services** using **Spring Boot**, supporting **versioning, locking, snapshot, and revert workflows** for enterprise-grade consistency.
- Implemented **Kafka-based event propagation** to reliably distribute catalog and pricing changes across **production and non-production environments**, ensuring data consistency at scale.
- Integrated backend APIs with **Module Federation-based microfrontends** and supported downstream runtime services consuming catalog APIs.
- Built **performance diagnostic workflows** with strong observability, enabling faster issue detection and resolution for broadband customers.

Rapipay Fintech Pvt. Ltd.

Sep 2021 – Jun 2024

Software Engineer II

Noida, India

- Designed and developed a **high-performance Payment Gateway** handling **₹70 lakh daily transactions** on average, supporting multiple payment methods.
- Implemented **Kafka-based asynchronous processing** to achieve **fault tolerance, scalability, and reliable message delivery** across payment workflows.
- Integrated major payment partners including **Paytm, PhonePe, Yes Bank, and Cashfree**, enabling seamless and secure end-to-end payment flows.
- Reduced **transaction failure rate from 6% to 0.002%** within one quarter by improving retry strategies, idempotency handling, and payment flow optimization.
- Automated **real-time reconciliation and fund release**, significantly reducing settlement delays and operational overhead.
- Designed and built an **Identity Management System** using **Spring WebFlux and Keycloak**, serving as a centralized authorization server for banking applications.
- Scaled the identity platform to **1.8 lakh registered users** with **~80,000 daily active users**, implementing encryption, hashing, secure token management, and session handling.

Technical Skills

Languages: Java, Python, SQL

Backend & Frameworks: Spring Boot, Spring WebFlux, Hibernate, Spring Data JPA

Databases: MongoDB, PostgreSQL, Redis

Messaging: Apache Kafka

Cloud & DevOps: AWS, Git, Docker, CI/CD

System Design: Problem Solving, Distributed Systems, Microservice Architecture, HLD, LLD

Monitoring & Reliability: Centralized Logging, Metrics, Alerts, Fault Tolerance, Retry & Idempotency

Security: Keycloak, OAuth2, JWT, Authentication & Authorization, Secure Token Management

Tools & Platforms: Maven, Jira, Postman

Awards & Achievements

- Recognized as "Future Maker of the Quarter – Q2 2025"** at **Deutsche Telekom Digital Labs** for demonstrating exceptional ownership, leadership skills, and driving measurable team impact.