

SHWETANK DIXIT

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EXPERIENCE

Deutsche Telekom Digital Labs

Gurgaon

Software Engineer

June 2024 - Present

- Built backend services for credit card management in the T-Life app, handling spending, saving, rewards, and billing data for 40 million credit card customers.

Rapipay Fintech Pvt. Ltd.

Noida

Software Engineer

Mar 2022 – June 2024

- Designed and developed Payment Gateway System to provide various payment methods to end user and enhance the system reliability by using Kafka queues for supporting nearly Rs 70 lakh of transaction daily.
- Collaborated with key vendors like Paytm, PhonePe, Yes Bank and Cashfree by integrating diverse payment options.
- Worked on Identity Management System for banking application, incorporating Keycloak and enforced advanced security measures for user onboarding with more than 80 thousand users.
- Spearheaded the construction of projects using microservices architecture, resulting in modular, scalable, and fault-tolerant systems, characterized by high availability, thus facilitating smooth transactions.

Rapipay Fintech Pvt. Ltd.

Noida

Product Engineering Intern

Sep 2021 - Mar 2022

- Implemented Java Spring Boot APIs with PostgreSQL and MongoDB databases, using Hibernate JDBC for data processing.
- Utilized AWS services for application deployment and management, with working knowledge in Grafana, Prometheus, and JMeter for application performance monitoring and load testing.

SKILLS

- Programming Languages:** Java, Kotlin, Python
- Frameworks:** Spring boot, Spring Web flux
- ORM:** Hibernate, Spring Data JPA
- Databases:** PostgreSQL, Mongo DB, Redis,
- Version Control:** Git
- Tools:** JDBC, Maven, IntelliJ-Idea, Jira, Postman
- Cloud:** AWS fundamentals: EC2, S3
- Messaging:** Apache Kafka
- Others:** Data Structure and Algorithms, Design Pattern

PROJECTS

- PAYMENTS GATEWAY** *Java/Kotlin, Spring Web flux, Rest APIs, MongoDB, Kafka*
 - Developed internal payment gateway which receives nearly Rs 70 lakhs of transactions daily on average.
 - Integrated payment modes such as UPI Intent, UPI Collect, Wallet, E-Collect and CASA.
 - Worked on reducing the occurrence of failed transactions from 6% to 0.002% in the first quarter.
 - Automate the reconciliation process by releasing the funds of users in real time.
 - Used Kafka for streamlined asynchronous data flow processing and MongoDB for flexible data storage.
- IDENTITY MANAGEMENT SYSTEM** *Kotlin, Spring Web flux, Rest APIs, Keycloak, PostgreSQL, Redis*
 - Created an Identity management system which works as an authorization server for banking application.
 - 80 thousand users have been registered using the system with an average of 22 thousand daily logins.
 - Implemented robust alerting mechanisms for login failures and registrations failures.
 - Used keycloak for managing user session and identity and implemented industry standards encryptions and hashing for security.
 - Supports multiple SDKs sessions by handshaking protocols, enhancing interoperability and user experience.
- INTERNAL USERS' APPLICATION** *Kotlin, Spring Web flux, Azure AD, Spring Security, Rest APIs, PostgreSQL*
 - Created a system for internal users with custom role-based authorizations.
 - This service powers refunds, message tracking, transaction tracking, audit logs dashboard and other efficient user tracking within the application.
 - Integrated Microsoft single sign-On (SSO) as authentication server for smooth login.

EDUCATION

ABES Engineering College

BTech Computer Science and Engineering GPA: 84%

Ghaziabad

Jul 2018 - Jun 2022

Ch. Chhabil Dass Public School

Intermediate GPA: 93.4%

Ghaziabad

Mar 2017 - Mar 2018