

# Shreyansh Solanki

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## SKILLS SUMMARY

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- **Languages:** Java, C++, SQL, JavaScript
- **Frameworks:** Spring Boot, Microservices, Spring Data JPA, React.js
- **Web Technologies:** RESTful APIs
- **Databases:** MySQL, PostgreSQL
- **DevOps:** Docker, Kubernetes, Azure, Maven, Git
- **Messaging:** Kafka, Solace, RabbitMQ
- **Tools:** Postman, IntelliJ, JUnit, Agile/Scrum

## WORK EXPERIENCE

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### • Jio Platforms Limited — SDE-1

*Backend Developer — Microservices — API Development*

- Built and maintained Java and Spring Boot microservices supporting customer and product order-lifecycle flows, handling 1M+ monthly requests with consistent performance.
- Implemented Kafka as a centralized event-log backbone for distributed microservices, enabling unified log streaming and cross-service traceability — reducing debugging time by 40% and improving monitoring visibility across all order-lifecycle services.
- Optimized database queries, caching layers, and data access patterns, lowering resource usage and infrastructure costs by 15%.
- Defined and maintained OpenAPI specifications with Swagger, enhancing API interoperability and cross-team collaboration.
- Containerized Spring Boot microservices using Docker and CI/CD pipelines to build, tag, validate, and promote images; executed environment-readiness checks and deployed approved artifacts across different environments with isolated configuration profiles — improving release consistency by 40% and reducing manual deployment errors by 95%.
- Collaborated with cross-functional QA and infra teams to debug, test, and validate releases across environments, maintaining service stability and 99.9% uptime in production.

### • Jio Platforms Limited — Associate QA Engineer

- Designed and executed comprehensive test cases for API and web modules, achieving 98% defect detection across product releases.
- Collaborated with cross-functional teams to identify performance bottlenecks and strengthen backend reliability — experience transitioned into backend engineering.

## PROJECTS

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### • Product Order Management System :

Led development and enhancement of the customer onboarding system for Jio Platforms Limited, deployed across the organization. Implemented critical features such as:

- Fiber customer onboarding
- Cease order processing for customers with expired visas
- Migration from TIBCO to Solace messaging infrastructure

### • Customer Order Lifecycle Management : Developed APIs for customer onboarding processes with key features: Implemented critical features such as:

- Solace to RabbitMQ migration
- Data mapping and transformation across services
- Business logic implementation for core operations

### • Online food delivery web application :

A full-stack food delivery application with React frontend and Spring Boot backend. Features include:

Add to Cart, Remove from Cart, Add to Favorites, Sign Up, Recommendations, Coupons, and Final Cost Calculation.

## EDUCATION

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### ◦ Gyan Ganga Institute of Technology and Science, Jabalpur

08/2019 – 05/2023

\* Bachelor of Technology in Information Technology. Graduation date : 07/2023 (**GPA: 8.89/10**).

\* **Relevant Courses:** Data Structures and Algorithms, Operating Systems, Web Application Development, Software Architecture, Compiler Design.