

# Riya Sharma

Software Engineer Intern

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## EXPERIENCE

### Knoldus Inc, Noida — Java Intern

February 2023 - current

- Worked with the development team to design and implement Kafka as a dependency.
- Developed a wrapper around kafka template to enable seamless communication between micro services using Kafka.
- Conducted testing and debugging to ensure the reliability and performance of the built application.
- Developed reactive APIs in Java that efficiently fetched data from Mockaroo and pushed it Pub/Sub on GCP.
- Created a cloud function on GCP and implemented custom transformation logic to process the incoming data from Pub/Sub.
- Added functionality to Cloud Function to store the transformed data directly into Firestore DB on GCP.
- Designed Technical Design Specification pages as per the requirements of the services.
- Created reverse proxy that acted as a middleware between the frontend and backend services.

## EDUCATION

### Jagan Institute of Management Studies, Rohini

2021 - 2023

Master Of Computer Application

## PROJECTS

**SDK Libraries | Kafka Integration** - The project was at facilitating the end-user to use kafka as a library and integrate message-driven communication capabilities into various projects and to enhance kafka's Usability.

## SKILLS

- Java, Reactive Programming
- Spring, Spring Boot, Spring MVC, Microservices
- GCP(Pub/sub, Firestore, Cloud Function, Google Kubernetes Engine), Docker
- Kafka, Confluent Kafka
- Mysql, Elasticsearch
- Junit, Mockito
- Maven, Git
- SonarQube
- Apigee
- PowerBI

