

Gaurav Ranjan

Software Developer

Software Developer with a comprehensive understanding of object-oriented programming and software development. Skilled in developing and implementing applications in Java using Spring boot.

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EDUCATION

B.TECH

Heritage Institute of Technology

08/2016 - 05/2020

Kolkata

Courses

- Information Technology (9.23 C.G.P.A)

XII (CBSE)

Loyola High School , Patna

06/2014 - 05/2015

92%

Courses

- Science (PCM)

WORK EXPERIENCE

Software Development Engineer - 1

Upstox (RKSV Ltd.)

06/2022 - Present

Bengaluru

Achievements/Tasks

- Developed an application using Java and Spring Boot to automate certain processes for a large financial services organization.
- Used tools like REDIS , kafka to process and do faster operations.
- Worked on various features like bulk limit fetch for client codes etc, and helped risk management team to minimise the amount of loss as much as possible.
- Worked with websockets in java for live data streaming.
- Integrated various grpc services in existing spring boot applications.
- Reviewed code for peers to help improve the code quality.
- Documented technical specifications and project testing methods for future reference.

System Engineer

Tata Consultancy Service

08/2020 - 06/2022

Bengaluru

Achievements/Tasks

- Developed and maintained numerous Java applications using Spring, Hibernate, and JPA.
- Optimized existing Java applications to reduce response times by 30%.
- Developed a Java-based web application that increased user productivity by 20%.
- Worked on audit service using cassandra and spring boot
- Documented technical specifications and project testing methods for future reference.

SKILLS

Algorithm and Data Structures

Java

Spring Boot

Database Management System

API Integration

AWS (Beginner)

Best Practices and Standards

REDIS

Kafka

PROJECTS

Audit Service For Aadhaar

- Designed audit service for aadhaar using cassandra and spring boot
- Made full use of Java 8 Streams API to make the code readable
- Wrote junit test cases for the applications
- Worked on review comments to improve code quality , expandability and extensibility.

ECMP Project

- Worked on ecmp project for aadhaar for enrolling clients to aadhaar.
- Improved the existing code so as to provide better performance.
- Suggested various ways to implement new feature and provide good experience to user.

Risk Management Tool (Upstox)

- Worked on tool to provide risk management for upstox.
- Integrated websockets for live streaming of data.
- Integrated various API's and grpc to service.
- Introduced API key to provide securing to the backend service
- Implemented rate limiting using token bucket algorithm so as to provide throttling on number of calls to API.

LANGUAGES

ENGLISH

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Singing

Playing Football

Playing Cricket