

# ANKIT KUMAR MISHRA

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## TECHNICAL SKILLS

**Languages:** Java, C, C++, SQL

**Developer Tools:** VS Code, IntelliJ Idea Ultimate, MySQL

**Technologies/Frameworks:** Microservices, Spring Boot, Spring Security, Spring Data JPA, Jackson, Low-Level Design, Multithreading, Lombok, JUnit 5, Mockito, Data Structures Algorithms, Database Management System (DBMS), Object-Oriented Programming (OOPS), Git, Computer Networks, Operating Systems.

## Experience

**Crio.Do** 

**Jan 2023 - Present**

*Project Engineer*

*Bangalore, India*

- Collaborated closely with the content team and product team to develop new projects and content using the latest Java, Springboot and Spring Security technologies to create 10+ projects and write there test cases in JUnit and Mockito.
- Conducted regular and engaging and concept building sessions for total of more than 1000 users over the course of 9 months.
- Mentored 1000+ students on various topics like Java, SpringBoot, SpringData JPA, JUnit, Mockito, MySql , Low Level Design


## PROJECTS

**Spring Microservices Project**  | Eureka Client/Server, Feign Client, MySQL, MongoDB, Resilience4J

- This microservices project involved the management and coordination of 3 distinct services: user service, hotel service, and rating service.
- Created strong database connections by connecting rating services to MongoDB, hotel services to PostgreSQL, and user services to MySQL.
- Eureka Client and Server were put into use in conjunction with Resilience4J to improve system dependability upto 90 percent and streamline service organisation to handle 10000+ users.

**QEats**  | Java, Spring Boot, Lombok, Mongo DB, JMeter, Mockito, REST, Unit testing

- QEats is a popular food ordering app that allows users to browse and order their favorite dishes from nearby restaurants. .
- Constructed components of the QEats backend with Spring Boot. .
- Implemented REST API endpoints for querying restaurant information and placing food orders, enhancing app performance by 80% under heavy loads using Redis database. .

**QMoney**  | Multithreading, Exception handling, Design Pattern , Gradle, HTTP,

- QMoney is a visual stock portfolio analyzer. It helps portfolio managers make trade recommendations for their clients.
- Developed the core logic of the portfolio manager and published it as a library. Refactored code to add support for multiple stock quote services.
- Improved application stability and performance to 85 percent by using multithreading. .

**LLD of Spotify**  | Interfaces , Design Pattern , SOLID Principles, Clean Architecture

- Java and Object-Oriented Design concepts were used to create playlists, add songs dynamically, and navigate between music with ease..
- Applied Unit Testing, Design Patterns, and adhered to SOLID Principles for robust and scalable development.
- Refined core logic, facilitated playlist management, and optimized application stability and performance to 70 percent.

## EDUCATION

**MADAN MOHAN MALAVIYA UNIVERSITY OF TECHNOLOGY**

**July 2023**

*Bachelor of Technology in Information Technology- CGPA - 8.75*

*Gorakhpur, India*