

# Sarthak Sharma

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🌐 [LinkedIn](#)

🏠 [Portfolio](#)

🐙 [GitHub](#)

## Education

Netaji Subhas University of Technology

B.Tech in Information Technology (CGPA - 8.23)

2020 - 2024

Delhi, India

## Experience

QuantX Technology

August 2024 – Present

Software Developer

Gurugram, India

- **Backend Development for HFT Web Application:** Led the backend development of a trading platform using **Java Spring Boot**, enabling seamless browser access for critical trading functionalities such as **order placement, stock trading and watchlist management**.
- **API Development and Real-Time Data Integration:** Developed and optimized REST APIs for real-time data retrieval from NSE and BSE, ensuring accurate and low-latency communication with the frontend while integrating with a **C++ engine** to manage user profiles and facilitate data sharing.
- **Collaborative Development and Backend Support:** Collaborated with frontend developers and cross-functional teams to enhance platform features, troubleshoot technical issues, and ensure smooth integration between backend services, C++ engine, and third-party APIs.

Oravel Stays Pvt Ltd (OYO Rooms)

Jan 2024 – July 2024

Software Developer

Gurugram, India

- **Designed commission logic for travel agent bookings:** Designed and integrated a system to calculate and apply commission rates for bookings made by travel agents on "travelagent.oyorooms.com".
- **Developed "No Prepaid" feature for property managers:** Modified "Create booking", "Transaction" and "Restrictions" workflows to prevent prepaid bookings for selected properties, aligning with property managers' requirements, reduced prepaid bookings by **5%**.
- **Implemented OTP authentication for TravelAgent website:** Integrated OTP authentication for account creation on the travel agent website specifically for Indonesia. Worked on MySQL database. Worked on Restful APIs.

## Projects

Dynamic Load Balancer For Client Server Communication | Java, Springboot, Socket Programming | GitHub

- Developed a dynamic load balancing solution in Java Spring Boot to optimize client-server communication, effectively managing network traffic by dynamically distributing client requests to available servers.
- It intelligently monitors server traffic and distributes client requests to the server having least traffic improving overall system performance and reducing latency.

Filmera | Java Springboot, ReactJs, Mongodb, AWS | GitHub

- Built a comprehensive movie listing and review platform using **ReactJS** for the frontend, **Java Spring Boot** for the backend, and **MongoDB** as the database to efficiently handle user-generated content.
- Implemented a secure user authentication system and a dynamic review functionality, allowing users to **create, edit, and delete reviews**, enhancing user engagement and interaction.

## Technical Skills

**Languages :** Java, C, C++, JavaScript

**Technologies:** Spring/Springboot, HTML, ReactJS, REST APIs, MySQL, MongoDB, Mockito, Git, GitHub

**Relevant Courses:** Data Structures, Algorithmic Design and Analysis, Object Oriented Programming, Rest API, Operating System, Responsive Web Design, Version Control System, Test Case Design, Webpack, Problem Solving

## Achievements

- **LeetCode - Knight** on Leetcode. Solved more than **800** problems. Top **2.7%** with highest rating **2005**.
- **Codechef** - Rated **4\*** on Codechef. Secured all India rank of **116** in Codechef Starter 65 among **12k+** participants.
- **Codeforces - Specialist** on Codeforces. Solved more than **500** problems.
- **Google Kickstart** - Rank **896** in Google Kickstart 2022 Round G.
- Did more than **1500+** problems across different coding platforms.

## Profile Links

- Leetcode
- Codeforces