

# Sumit Agarwal

BE Information Technology  
Jadavpur University, Kolkata

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🌐 Portfolio  
🔗 GitHub Profile  
📄 LinkedIn Profile

## EDUCATION

- **Jadavpur University, Kolkata** 2021-2025  
*BE Information Technology* CGPA: 8.71
- **Caesar School, Mal Bazar** 2021  
*Central Board of Secondary Education, 12th* Percentage: 92.4
- **Caesar School, Mal Bazar** 2019  
*Central Board of Secondary Education, 10th* Percentage: 92.6

## EXPERIENCE

- **Motorola Solutions** May 2024 - July 2024  
*Software Engineering Intern* Kolkata, India
  - **Tools & Technologies used:** Python3, FastAPI, Celery, Redis, pysnmp, Linux(RHEL)
  - Implemented **Agent Discovery & Adoption** using networking technologies and performed robust error handling.
  - Developed RESTful APIs for **task scheduling, agent discovery, adoption and disown** in a distributed environment.

## PERSONAL PROJECTS

- **CollegeSeek** CLIENT/SERVER/DEPLOYED  
*Group Discussion and Doubt Solving Platform*
  - **Tools & Technologies used:** ReactJS, NodeJS, ExpressJS, MongoDB, MUI, Cloudinary, JWT Auth, bcryptjs
  - Implemented a **dynamic web application** facilitating users to **create, explore, and have group discussion on content**.
  - Incorporated features such as **user authentication/authorization, post creation/update and real-time comments**.
- **CrudBootApplication** CLIENT/SERVER/DEPLOYED  
*User Management Application*
  - **Tools & Technologies used:** ReactJS, Spring Boot, JAVA, MongoDB, Docker(For deploying backend on render).
  - Designed and implemented **RESTful APIs** to handle **CRUD operations** for managing **user's data entities**.
- **ChatSpace** CODE/DEPLOYED  
*Real-Time Group Chat Application*
  - **Tools & Technologies used:** HTML, CSS, JavaScript, NodeJS, Socket.IO
  - Implemented a **responsive real-time chat application** allowing users to **communicate anonymously and instantly**.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** JAVA, C++ (Intermediate), SQL, JavaScript  
**Developer Tools:** Leetcode Playground, VS Codes, CodeSpace, Replit  
**Techs/Frameworks:** HTML, CSS, ReactJS, NodeJS, ExpressJS, Spring Boot(Basic)  
**Databases:** MySQL, MongoDB  
**CS Fundamentals:** DSA, OOPS(JAVA), DBMS, Operating System, Computer Networking  
**Technology:** Git, GitHub, Bitbucket, Cloudinary, PostMan

## PROGRAMMING PROFILE

- **LeetCode:** **sumit334** (**Knight at LeetCode (max Rating 1912) as in 2024**)
- **CodeChef:** **sumit\_agarwal** (**3\* at Codechef (max Rating 1665) as in 2024**)

## ACHIEVEMENTS

- **Leetcode:** Solved over 1000+ Problems
- **Leetcode:** Ranked 523 in LC Biweekly 106 in 2023 among over 23k+ participants
- **CodeChef:** Ranked 6th in Starters 131 Div3 2024 (Rated) among over 10k+ participants
- **Google KickStart:** Ranked 2779 in Google KickStart 2022 Round G
- **Google HashCode:** AIR 1196 in Google HashCode 2022, (Team: GEN-E)
- **JEE MAINS:** AIR 11740 in JEE MAINS 2021 among over 1 Million+ students
- **JEE ADVANCED:** AIR 13025 in JEE ADVANCED 2021 among over 1.5 Lakh+ students
- **WBJEE:** Ranked 334 in WBJEE 2021 among 1 Lakh+ students
- **Class 10th:** Scored a perfect 100 in Mathematics in CBSE Board EXAM 2019, top 0.1%