

ARITRA KUMAR

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EDUCATION

Bachelor of Engg. in Information Technology - Jadavpur University 📅 Aug 2022 - June 2025

- CGPA: 8.6/10

Diploma in Electrical Engg. - North Calcutta Polytechnic, WBSCTE 📅 Aug 2019 - June 2022

- CGPA: 9.6/10

PROJECTS

CodeSync - A Realtime Collaborative Code Editor Live 🔗

- **Features:** Realtime collaborative code editor room, Create/Join/Leave any room with room Id, Auto-sync of edited code in real-time, Connected member's list & notification when any member join or leave.
- **Tech Stack:** React.js, React-Router, CSS, Node.js, Express.js, Socket.io.

InShare - A File Sharing Platform Live 🔗

- **Features:** Remote file sharing, Email notifications to receiver with download link, 24-hours link expiration.
- **Tech Stack:** HTML, Tailwind CSS, Vanilla JS, Node.js, Express.js, MongoDB, Mongoose.

ChitChat - A Realtime Chat Room Live 🔗

- **Features:** Live single chat room, Create/Join/Leave the chat room, Connected members list with "typing" indicators.
- **Tech Stack:** HTML, CSS, Vanilla JS, Node.js, Express.js, Socket.io, Docker.

SKILLS

- **Programming Languages:** C, C++, Java, JavaScript.
- **Frontend Technologies:** HTML, CSS, Tailwind CSS, Vanilla JS, React.js, Redux-Toolkit (Basics).
- **Backend Technologies:** Node.js, Express.js, REST API, AJAX, JWT, Socket.io, Mongoose.
- **Databases:** MongoDB, MySQL, Oracle DB.
- **Developer Tools:** Git & GitHub, Docker, Postman, Vercel, Render.
- **Coursework:** Object Oriented Programming (**OOP**), Data Structures and Algorithms (**DSA**), Operating System (**OS**), Database Management Systems (**DBMS**).

CODING PROFILES

- Solved 200+ DSA Problems on LeetCode LeetCode
- Solved 120+ DSA Problems on GeeksforGeeks. GeeksforGeeks

POSITIONS OF RESPONSIBILITY

Mentor of Jadavpur University's Code Club (JUCC)

- Organized collaborative sessions on Data Structures & Algorithms, fostering teamwork and peer learning.
- Organized competitive programming contests to enhance problem-solving skills.
- Coordinated hackathons focused on web development to foster practical learning and teamwork.