ARITRA KUMAR

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EDUCATION

Bachelor of Engg. in Information Technology - Jadavpur University, Kolkata   📅 **Aug 2022 - May 2025**

- CGPA: **8.6/10**

Diploma in Electrical Engg. - North Calcutta Polytechnic, WBSCTE, Kolkata   📅 **Aug 2019 - May 2022**

- CGPA: **9.6/10**

SKILLS

- **Programming Languages:** C, **C++**, **Java**, **JavaScript**.
- **Frontend: HTML**, **CSS**, Bootstrap, Tailwind CSS, Vanilla JS, **React.js**, Context API, **Redux-Toolkit**.
- **Backend: Node.js**, **Express.js**, **REST API**, Socket.io, Mongoose.
- **Databases: MongoDB**, MySQL.
- **Dev Tools: Git & GitHub**, **Docker**, Postman.
- **CS Fundamentals:** Operating System (**OS**), Database Management Systems (**DBMS**), Object Oriented Programming (**OOP**), Data Structures and Algorithms (**DSA**), Computer Networks (**CN**).

PROJECTS

DriveShare - A Google Drive Utility   GitHub

- **Features:** User authentication with Google **OAuth2.0**, create file upload targets using Drive folder IDs, allow uploads via shared links without a Google account also manage & revoke access of drive-upload targets.
- **Tech Stack:** React.js, Redux-Toolkit, Node.js, Express.js, MongoDB, **React-OAuth**, Google OAuth Library & APIs.

Blogger - A Place for Writer   GitHub

- **Features:** Sign up/log in, post and share articles, follow/unfollow users, personalized feed from followed users.
- **Tech Stack:** Tailwind CSS, React.js, Redux-Toolkit, Node.js, Express.js, MongoDB, **JWT Auth**.

CodeSync - A Realtime Collaborative Code Editor   GitHub

- **Features:** Realtime collaborative code editor, Create/Join/Leave any code editor room with room ID.
- **Tech Stack: Tailwind CSS**, React.js, Node.js, Express.js, Socket.io.

InShare - A File Sharing App   GitHub

- **Features:** Remote file sharing up to 2GB, email notifications to reciever with download link, 24-hour link expiration.
- **Tech Stack:** HTML, CSS, Vanilla JS, Node.js, Express.js, MongoDB, **Cron Job (Task Scheduler)**.

FunChat - A Realtime Chat Room   GitHub

- **Features:** Live chat room based on WebSocket protocol using Socket.io with "typing" indicators using debounce.
- **Tech Stack:** HTML, CSS, Vanilla JS, Node.js, Express.js, **Socket.io**.

CODING PROFILES

- Solved **400+ DSA** Problems on **LeetCode**.   LeetCode
- Solved **120+ DSA** Problems on **GeeksforGeeks**.   GeeksforGeeks
- Solved **100+ DSA** Problems on **CodeForces**.   CodeForces

POSITION OF RESPONSIBILITY

- **Mentor** of Jadavpur University Code Club (**JUCC**).
- **Member** of Google Developer Student Club (**GDSC**).
- **Member** of JU Association for Computing Machinery Student Chapter (**ACM**).