ARITRA KUMAR

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EDUCATION

Bachelor of Engg. in Information Technology - Jadavpur University, Kolkata   📅 Aug 2022 - Present
- CGPA: **8.6**

Diploma in Electrical Engg. - North Calcutta Polytechnic, WBSCTE, Kolkata   📅 Aug 2019 - May 2022
- CGPA: **9.6**

SKILLS

- **Programming Languages:** C, C++, Java, JavaScript.
- **Frontend:** HTML, CSS, Bootstrap, Tailwind CSS, Vanilla JS, React JS, React Router, 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, Database Management Systems, Object Oriented Programming, Data Structures and Algorithms, Computer Networks.

PROJECTS

DriveShare - A Google Drive Utility GitHub
- **Features:** Users authentication with Google OAuth2, 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, Express JS, Mongo DB, React-OAuth, Google OAuth Library & APIs.

Blogger - A Place for Writer GitHub
- **Features:** Sign up/Log in, Posting and Sharing articles, Users can follow/unfollow other users, Feed from following users.
- **Tech Stack:** Tailwind CSS, React JS, Redux-Toolkit, Node JS, Express JS, Mongo DB, 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, NodeJS, Express JS, Socket.io.

InShare - A File Sharing App GitHub
- **Features:** Remote file sharing up to 2GB, Auto email to receiver with file download link, 24-hours link expiration.
- **Tech Stack:** HTML, CSS, Vanilla JS, NodeJS, 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

SOCIETY

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