Shubhamoy Chowdhury

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EDUCATION

National Institute of Technology, Jamshedpur — Jharkhand, India
B.Tech in Electronics and Communications Engineering | CGPA: 8.35 — *July 2023 – July 2027*

Delhi Public School, Dhanbad — Jharkhand, India
Class-12th CBSE | Percentage: 91.8 — *April 2023*

Delhi Public School, Dhanbad — Jharkhand, India
Class-10th | Percentage: 93.7 — *April 2021*

PROJECTS

ZapChat — Real-time Chat App | View Project — May 2024 { Present
- Developed a real-time 1-on-1 chat platform with a clean, responsive UI using **React.js**, **DaisyUI** .
- Enabled real-time bi-directional messaging using **Socket.IO** with presence indicators and typing status.
- Implemented user authentication with **JWT** and secure password handling using **bcryptjs**.
- Managed global auth and chat state via **Zustand**, improving performance and modularity.
- Designed a mobile-friendly interface with **dark mode support** and user status updates (online/oine).
- Built a REST API with **Node.js**, **Express.js**, and **MongoDB (Mongoose)** for user and message management.

MovieVerse: Full-Stack Movie Review Platform | View Project — March 2024 { Present
- Developed a feature-rich movie review and rating platform using the **MERN** stack with **Role-Based Access Control (RBAC)** for regular users and admins.
- Integrated **IMDb API** to fetch movie data dynamically using IMDb IDs, displaying movie details, posters, and metadata.
- Enabled advanced search lters by genre and rating, enhancing discoverability and user engagement.
- Implemented secure user authentication and authorization with protected routes, enabling users to rate and review movies.
- Built a dedicated admin dashboard for managing genres, movies, and moderating user comments.
- Used **RTK Query** for optimized API handling and e cient global state management.

SKILLS

- **Languages**: C++, HTML5, CSS3, JavaScript (ES6+), TypeScript , MYSQL
- **CS Fundamentals**: Data Structures & Algorithms, Object-Oriented Programming (OOP), DBMS, Operating Systems (OS)
- **Web Development**: Node.js, Express.js, React.js, Redux, MongoDB, Mongoose
- **Tools & Version Control**: Git, GitHub, VS Code

PROFILES

- Leetcode - 500+ Problems Solved
- Codeforces
- GeeksforGeeks