

Sohan RoyChowdhury

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LinkedIn | GitHub | LeetCode | Codeforces | CodeChef

Education

Jalpaiguri Government Engineering College , Bachelor of Technology in
Computer Science & Engineering

Sept 2022 – Aug 2026

- CGPA: 9.8 (Upto 4th Semester)
- **Coursework:** OOPS, Data Structures & Algorithm, Operating System, Compiler Design, Computer Architecture, Digital Electronics, etc.

Projects

BLOGGIFY | *MongoDB, Express Js, React Js, Node Js, Redux, Material UI, Tailwind CSS, Firebase, JWT(Json Web Tokens)*

- A **MERN Stack Blog Application** where Admins can create Blogs. People can explore different articles and engaging stories.
- **User Authentication & Authorization** : Implemented Authentication and Authorization using **JWT(JSON Web Token)**. Also provided the support of **Google OAUTH** using **FIREBASE**.
- **Create, Read, Update, and Delete (CRUD)** operations for posts and user profiles (Can only be done by Admins).
- **Admin & Dashboard Functionality:** Added Admin functionality. Admins have access to all the posts & comments. They can perform all CRUD operations on the posts and comments. Implemented Dashboard feature where Admins have all information regarding the total number of users, posts, the number of users and posts of previous month, etc..
- **Comment and Like functionalities** for the posts which provides us with a valuable feedback on the blogs!
- **Rich Text Editor** for writing and formatting blog posts .

TO-DO-LIST | *Html, Css, Javascript, Express Js, Node Js*

- This is a To-Do-List application where we can keep track of the tasks which we want to perform. After Completion we can mark as well as delete them too.
- Used **Express Js & Node Js** to create a robust Backend server.

QUIZZY | *Html, Css, Javascript, Fetch Api*

- Developed an interesting Quiz application where we are asked various quizzes from different domains. This application tests our knowledge and IQ in different fields.
- Implemented the concept of **Fetch Api** to fetch various types of quizzes from API.

Technical Skills

Languages: C++, C, Java, SQL, MongoDB, JavaScript

Technologies/Frameworks: Git, GitHub, HTML, CSS, Tailwind CSS, ReactJS, Redux, NodeJS, ExpressJS, REST API, MongoDB, MySQL, Firebase, Appwrite, Material UI, Bootstrap

Developer Tools: VS Code

Achievements

- **ACM-ICPC 2023 Amritapuri Regionalist** .
- **Runner's Up (2nd Rank) in JGEC Winter Of Code 2024**
- **Ranked 2nd in CODE CHRONICLES** - The Coding Competition in "SRISHTI"- Technical Fest of College.
- **CodeChef Highest Rating:1678(3 STAR) | CodeForces Highest Rating:1288(Pupil) | LeetCode Highest Rating:1650(Top 16%)**.
- **Starters 101 Div. 3- Rank 41 out of 3200+participants|Starters 109 Div. 3- Rank 93 out of 3200+participants.**