Dhiraj Kumar Sharma

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↖ Portfolio

in LinkedIn

Education

B. Tech in Computer Science and Engineering, 2020 – 2024
Techno Main Salt Lake, Kolkata
CGPA 8.94

12th Standard ISC Board, 2019
National Gems Higher Secondary School, Kolkata
91%

Projects

Collab Chain, *(Ongoing)*
- An online research collaboration platform which uses **blockchain** to provide authenticity, proof of work and security to users
  - Frontend for the application built using **React.js**
  - Blockchain contracts written in **Solidity** for **Ethereum** chain
  - Centralized backend to reduce storage and optimize transaction costs
  - Centralized backend built using **Node** and **Express,** with **MongoDB** for the database

The Lore Store
- An online book store built using **React.js** and **Tailwind CSS**, with **Express.js** server and **MongoDB** as database application
  - User authentication with **JWT Tokens** and **Cross Domain cookies**
  - Data management among various frontend components using **Redux** store
  - State, Context management, and navigation among other things using **React Hooks**

PS React
- A casual gaming site built using **React.js**
  - Data fetch from external API using **Axios**
  - Client-side rendering of different pages using **React Router**
  - Data management among components via **Props and States**

Skills

- **Languages:** C++ | Python | JavaScript | TypeScript | SQL
- **Libraries and Frameworks:** Tailwind CSS | jQuery | Express.js | React.js
- **Other Tools and Environments:** Git | MongoDB