

Amrit Sinha

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Skills

- Javascript
- Node.js
- React.js
- Express.js
- HTML + CSS
- MongoDB
- SQL
- OOP
- C++
- Java
- Operating System
- Data Structures & Algorithms

Education

- BITS Pilani 2020 - 2024
 - BE (Hons.) Electronics and Instrumentation

Work Experience

- Zluri Technologies Pvt Ltd - Fullstack Engineer Intern July 2023 - December 2023
 - Developed a full-stack feature for the company's website using **React.js** for the front end and **JavaScript** with **MongoDB** for the backend which improved user visibility and accessibility.
 - Built a **currency conversion** feature leveraging the Exchange Rate API to seamlessly provide real-time or historical exchange rates based on the user's selected currency.
 - Migrated APIs from one database to another, improving API performance by nearly **30%** and utilized **Postman** for thorough API testing.
 - Performed database cleanup through **MongoDB aggregation**, systematically removing incorrect data and ensuring data integrity.

Projects

- Restaurant Reservation March 2024
 - Constructed a landing page with responsive design for a restaurant using **React.js**.
 - Built a Reservations Page to book tables using client-side form validations.
 - Leveraged **browser local storage** functionality to prevent double-booking of reservations.
- Kanban Board January 2024
 - Engineered a feature-rich **Kanban Board** application leveraging **React.js** and **CSS** to facilitate efficient task management for users.
 - Devised layout changes by introducing grouping features based on task status, user, and priority, augmented with sorting functionalities.
- CSV Expense Tracker August 2023
 - Designed frontend UI using **HTML** and **CSS** which allows users to upload transaction data in CSV.
 - Implemented **RESTful APIs** for **CRUD** operations using **JavaScript** and **Express.js**.
 - Utilised **MongoDB** to optimize the storage and retrieval of transaction data.

Position of Responsibility

- Events and Initiatives Head - Nirmaan Organization Goa Chapter May 2022 - July 2023
 - Part of **5-member coordinating committee**.
 - Worked for the welfare of the underprivileged in South Goa leading a team of **more than 300** volunteers.