

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

Experience

- Zluri Technologies Pvt Ltd - Fullstack Engineer Intern July '23 - December '23
 - Developed a full stack feature addition on the company's website using **React** for the front end and **JavaScript** with **MongoDB** for the backend which improved visibility and accessibility for the user.
 - Implemented a failsafe **currency conversion feature** that used the Exchange Rate API, ensuring seamless retrieval of either real-time or historical exchange rates based on the user's selected currency.
 - Played a key role in the successful **migration of APIs** from one database to another, resulting in improved 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
 - Developed a landing page for a restaurant using **React.js**.
 - Reservations page to book tables using **client-side form validations**.
- Kanban Board January 2024
 - Developed a feature-rich Kanban board using **React.js** and **CSS**, enabling users to efficiently manage tasks.
 - Implemented **dynamic layout changes**, using grouping features based on task status, user, and priority and provided sorting options.
- 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**.
 - Integrated **MongoDB** to optimize the storage and retrieval of transaction data.

Position of Responsibility

- Events and Initiatives Head - Nirmaan Organization Goa Chapter May '22 - July '23
 - Led a team of **300+ volunteers** dedicated to enhancing the welfare of the underprivileged in South Goa.