

# 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

October 2020 - May 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.