

# 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 40% and utilized **Postman** for thorough API testing.

## Projects

- User Authentication System June 2024
  - Developed a user authentication system utilizing **Node.js**, **Express**, **MongoDB**, and **React.js**
  - Implemented secure registration and login functionalities with **JWT-based authentication** and **password hashing**.
- 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
  - Led a team of over **300** volunteers dedicated to the welfare of the underprivileged in South Goa.