

Amrit Sinha

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Education

● BITS Pilani

Oct 2020 - May 2024

B.E. (Hons.) Electronics and Instrumentation

Electives:

- Objected Oriented Programming
- Operating Systems
- Network Programming

Experience

● ofScale - Fullstack Developer Intern

Nov 2024 - Current

- Tech Stack: **JavaScript, React.JS, Next.js, Tailwind CSS, Golang, MySQL**
- Crafted new API endpoints for a new segment of the admin management website using **Golang and MySQL**.
- Developed and implemented the **mobile view** for the entire admin management website.
- Developed a cron scheduler in Go utilizing the **gocron library**, from initial design to final implementation.

● Zluri Technologies Pvt Ltd - Fullstack Engineer Intern

Jul 2023 - Dec 2023

- Tech Stack: **JavaScript, Node.js, React.JS, Next.js, Express.JS, MongoDB, PostgreSQL**
- Worked with a team of **10+ developers and testers within an Agile framework**.
- Developed a vendor management microservice that **increased modularity and decreased code duplication by 30%**.
- Built a currency conversion feature leveraging the Exchange Rate API to provide real time or historical exchange rates.
- Enhanced database integrity by developing scripts for the removal of incorrect data entries and the addition of new entries.
- Migrated APIs from one database to another, improving **API response time by nearly 40%**.

Skills

- **Languages:** JavaScript, HTML, HTML5, CSS, CSS3, TypeScript, Golang, C, C++, Java, Python
- **Libraries / Frameworks:** React.js, Next.js, Redux, Node.js, Express.js, Tailwind CSS, Bootstrap
- **Databases:** SQL, PostgreSQL, MySQL, MongoDB
- **Tools / Platforms:** Git, Linux, Figma

Projects

● Task Management System | [GitHub](#) | [Production](#)

Oct 2024

- Tech Stack: **Next.js, React.JS, CSS**
- Implemented task management which includes features like adding, editing, deleting, and marking tasks as completed.
- Designed a **responsive user interface**, with priority-based color-coding for clear task distinction.
- Utilized **local storage** to persist tasks between page reloads, enhancing user experience.

● FreeCodeCamp Website | [GitHub](#) | [Production](#)

Sept 2024

- Tech Stack: **Node.js, Express.JS, React.JS, Redux, CSS, MongoDB**
- Designed and implemented secure user authentication **using JSON Web Tokens (JWT) and password hashing**.
- Integrated **Google OAuth API** to provide users with an additional login option.
- Optimized application performance by utilizing browser local storage to cache course data, reducing database API calls.

● Restaurant Reservation | [GitHub](#) | [Production](#)

Mar 2024

- Tech Stack: **Node.js, Express.JS, React.JS, CSS**
- Constructed a landing page with responsive design for a restaurant using React.js and CSS.
- Built a Reservations Page to book tables using **client-side form validations**.

● CSV Expense Tracker | [GitHub](#)

Aug 2023

- Tech Stack: **Node.js, Express.JS, HTML, CSS, MongoDB**
- 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.
- Utilized **NoSQL database - MongoDB** to store the user and the transaction data.

Certifications

- Advanced React - Meta, Coursera
- API based Programming - Postman