Sejal Sinha

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EDUCATION

Heritage Institute Of Technology   **Kolkata, WB**
Electrical Engineering (7.13)   *Oct 2021 - June 2025*

DAV Kapildev Public School   **Ranchi, Jharkhand**
Senior Secondary   *2018 - 2021*

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Recoil, Express.js, Node,js, Next.js, SpringBoot,
Databases: MongoDB, MySQL, PostgreSQL
CS knowledge: Data Structures Algorithms, RESTful APIs, DBMS, CN
Developer Tools: Git Github, Firebase, VS Code, IntelliJ

PROJECTS

- **Chat Application:** React, Recoil, Express.js, Socket.io, MongoDB

  – Authentication: Implement **Authorization** and **Authentication** for secure and seamless user access with the help of **Middlewares** and Express.js , Node.js. Enhance the user experience with **video calling feature, file uploads, one to one chat, one to group chat**.

  – Advanced Search Functionality: Implement search features to help users find what they're looking for and use **Restful API's**. Real-world **CRUD Operations**: Create, read, update, and delete chats using MongoDB.

- **Course Selling Website:** Next.js, Express.js, Material-UI, Stripe API

  – A web application built using **MongoDB, Express, React, and Node.js**. It enables educators, trainers, and experts to create, manage, and sell educational courses to learners across the globe. customizable .

  – User Registration and Management: Separate login portals for instructors and students data from the backend.

  – Payment Gateways: Integration with **payment processors like PayPal, Stripe, and credit card payments.** to facilitate smooth transactions

  – Interactive Elements: Features to add **quizzes**, **assignments**, and **interactive sessions** to enhance learning engagement.

- **E Beautify:** SpringBoot

  An E-Commerce platform where a person can book appointments related to their salon, purchase beauty products, see prices of a product on different websites and purchase according to them.

CERTIFICATIONS

- The Complete 2024 Web Development Bootcamp   Link

ACHIEVEMENTS

- Top 30 in HackHeritage'23
- Qualified for SemiFinals in SIH'23

EXTRACURRICULAR ACTIVITIES

- I like Sketching and Caricature in my free time.
- Reading Books is my another hobby.