

Yash Rai

FULL STACK DEVELOPER

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SKILLS

BACKEND DEVELOPMENT | Python • FastAPI • NodeJS • ExpressJS

MISCELLANEOUS | C, C++ • Git • GitHub • MongoDB • MySQL

FRONT END DEVELOPMENT | HTML • CSS • JavaScript • Tailwind CSS • ReactJS
• Redux • NextJS

SOFT SKILLS | Team player • Bias for action • Deliver results

EDUCATION

Renaissance university

BCA, *Computer Science*

2025 | Indore, MP

CGPA: 7.9/10

PROJECTS

CHAT APP | ReactJS, JWT, MongoDB, Socket IO, ExpressJS, Zustand

[Live Link](#)

- Created a dynamic chat application with real-time messaging, user presence indicator and ensuring a seamless and engaging user experience.
- Ensured low-latency interaction with Socket IO for efficient WebSocket communication.
- Implemented lightweight and scalable state management using Zustand.
- Designed a robust backend with ExpressJS and MongoDB, supporting efficient data handling.
- Integrated JWT and bcryptJS for secure user authentication and data protection.

BOOK STORE | ReactJS, MongoDB, ExpressJS, NodeJS

[GitHub Link](#)

- Built a feature-rich inventory management system for books store enabling show owner to efficiently manage their book collections
- Enabled full CRUD operations on books, allowing shop owner to maintain and update their inventory with ease.
- Designed an intuitive and responsive user interface with ReactJS, enhancing the user experience and facilitating easy navigation and interaction.
- Architected a reliable backend using NodeJS and ExpressJS, ensuring smooth data transactions and operations.
- Utilized MongoDB for efficient data storage and retrieval, providing a scalable solution for handling book inventory data.

COLLEGE ADMIN PANEL | NextJS, MongoDB, ExpressJS, NodeJS, JWT

[Live Link](#)

- Developed a comprehensive college admin panel using NextJS for the frontend and ExpressJS for backend.
- Implemented secure login system enabling admins to manage students, professors and admins data ensuring data security and integrity.
- Designed and developed functionality for creating, reading, updating and deleting records for students, professors and admins, facilitating efficient data management.
- Successfully demonstrated the admin panel to the professor and vice chancellor, receiving positive feedback for its functionality, usability and potential impact on administrative efficiency.

COURSEWORK

Data Structures and Algorithms

Software Designs

Software Engineering

Database Management System

Computer Networks

Web Technologies

Linear Algebra

INTERESTS

Cricket • Chess • Health