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

PROJECTS

CHAT APP | ReactJS, JWT, MongoDB, Socket IO, ExpressJS, Zustand
GitHub 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
GitHub 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 college admin panel to the professor and vice chancellor, receiving positive feedback for its functionality, usability and potential impact on administrative efficiency.

EDUCATION

Renaissance university
*BCA, **Computer Science***
2025| Indore, MP
CGPA: 7.9/10

COURSEWORK

Data Structures and Algorithms
Software Designs
Software Engineering
Database Management System
Computer Networks
Frontend Development
Backend Development
Linear Algebra

INTERESTS
Cricket • Chess • Health