Yash Rai

FULL STACK DEVELOPER

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SKILLS

BACKEND DEVELOPMENT│ Python • FastAPI • NodeJS • ExpressJS
MISCELLANEOUS│ C, C++ • Git • GitHub • MongoDB • MySQL • Docker
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
Live Link
- Developed a dynamic chat application with real-time messaging, supporting over 500 concurrent users.
- Achieved sub-second latency with Socket IO for efficient WebSocket communication.
- Implemented Zustand for state management, optimizing performance for 1000+ messages per minute.
- Built a robust backend with ExpressJS and MongoDB, managing over 10,000 messages daily.
- Integrated JWT and bcryptJS for secure user authentication and data protection, safeguarding over 20+ user accounts

BOOK STORE │ ReactJS, MongoDB, ExpressJS, NodeJS
Live Link
- Created an inventory management system for a BookStore with support for over 00 book entries.
- Enabled full CRUD operations, facilitating inventory updates and management.
- Designed an intuitive UI with ReactJS, improving user interaction and navigation efficiency by 40%.
- Architected a backend with NodeJS and ExpressJS, handling transactions for over 500 daily operations.
- Utilized MongoDB for scalable data storage, managing over 1000 records with high efficiency.

COLLEGE ADMIN PANEL │ NextJS, MongoDB, ExpressJS, NodeJS, JWT
Live Link
- Developed a comprehensive admin panel managing data for over 1,000 students, professors, and admins.
- Implemented a secure login system, improving data security for 200+ administrative users.
- Designed functionality for CRUD operations, enhancing data management efficiency by 50%.
- Implemented search and filter functionality, reducing data lookup time by 50%.
- Demonstrated the panel to faculty, receiving positive feedback for its usability and impact on administrative processes.

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
Web Technologies
Linear Algebra

INTERESTS

Cricket • Chess • Health