

Yash Rai

SOFTWARE ENGINEER

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SKILLS

BACKEND DEVELOPMENT | Python • FastAPI • NodeJS • ExpressJS

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

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

CORE COMPETENCIES | Full-stack development • API integration • Team collaboration • Results-driven

EXPERIENCE

Frontend Developer Intern – Unizztech

Oct 2024 – Dec 2024

- **Built responsive interfaces with React.js and Redux**, integrating REST APIs across multiple web projects.
- **Collaborated with design and backend teams** to deliver cohesive user experiences across platforms.

Full Stack Developer Intern – Crystaltech Services

Feb 2024 – May 2024

- **Developed full-stack MERN applications** with optimized performance and scalable architecture design.
- **Engineered RESTful APIs and MongoDB databases** with secure authentication protocols and efficient data management.

PROJECT

CAMPUS CONNECTION | NextJS, MongoDB, NextAuth, Firebase | [Live Link](#) | [GitHub](#)

- **Built scalable authentication system for 5,000+ users** using NextAuth/OAuth (Google/GitHub) with encrypted sessions and 99.9% security compliance.
- **Developed real-time chat system supporting 500+ concurrent users** with <0.5s latency via Firebase, plus optimized data management using MongoDB and Uploadthing for fast image processing.

COLLEGE ADMIN PANEL | NextJS, ExpressJS, NodeJS, JWT | [Live Link](#) | [GitHub](#)

- **Developed an administrative panel managing 1,000+ student/faculty records**, streamlining workflows and reducing administrative overhead by 50%.
- **Implemented optimized CRUD operations with advanced search/filtering**, cutting data retrieval time in half through improved query performance and indexing.

EDUCATION

Renaissance university

BCA, **Computer Science**

2025 | Indore, MP

CGPA: 7.32/10

COURSEWORK

Data Structures and Algorithms

Software Designs

Software Engineering

Database Management System

Computer Networks

Web Technologies

Linear Algebra

Linux Internals

ACHIEVEMENT

Solved over 200+ problems on [LeetCode](#) demonstrating strong algorithmic and problem-solving skills.

INTERESTS

Cricket • Chess • Health