

Rahul Shakya

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Skills

Frontend : React.js, Javascript, Python, TypeScript

Backend : Node.js, Express.js, Koa.js, Redis, Socket.io

Database : MongoDB, MySql

Other Tools : RTK Query, JWT/Auth

Project Work

- **LLM-Powered Learning Platform :**

I built an **LLM-powered** learning platform with **Next.js 15, TypeScript, Node/Express, Redis, RTK Query**, and **Socket.io**. It supports real-time collaboration, adaptive course content, and smooth workflows for both students and admins

- **E-Commerce Platform COD :** Admin: <https://admin> Frontend : <https://frontend>

I developed a responsive **e-commerce** website using **React.js, Node.js, Express.js**, and **MongoDB**. It includes product listings, cart management, Cash on Delivery checkout, **authentication**, and an admin dashboard, providing small businesses a simple yet scalable way to sell online

- **College Application & Management Platform :** <https://github.com/nextgenrahul/>

I am currently building a comprehensive college application platform where students can apply to colleges, compare programs, and explore different institutions, while administrators can manage applications, FAQs, reviews, and data efficiently. This is a large-scale project that is still under active development. On the technical side, the platform is built with React.js for the admin panel and Next.js for the main frontend(SEO Friendly), with MySQL and Redis handling data storage and caching. Additionally, I have implemented Joi and Yup for validation, following a clean, class-based structure to ensure scalability and maintainability.

Education

CDLU Sirsa (Haryana)

Aug 2013 - june-2017

Bachelor of Computer Applications (BCA)

Coursework: Object Oriented Programming; Data Structures and Algorithms; Database Management Systems; Operating Systems; Computer Networks; Software Engineering; Web Development with HTML, CSS, JavaScript; along with Cloud Computing, Cybersecurity basics, and academic projects.