

ADITYA YADAV

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EDUCATION

Indian Institute of Information Technology Design and Manufacturing 11 2022 – 08 2026
Bachelor of Technology kurnool, AP

EXPERIENCE

CosmicStays May 2025 – Aug 2025
Frontend Developer Remote

- Migrated a legacy Nuxt 2 application to **Nuxt 3**, enhancing performance, maintainability, and scalability.
- Integrated a modern UI framework using a provided theme, delivering a clean, responsive, and intuitive user experience.
- Developed the frontend of a **custom CRM software** from scratch with a focus on modularity, component reuse, and scalability.
- Implemented complete **API integrations** and secure authentication workflows in collaboration with backend teams.
- Worked closely with cross-functional teams to ensure a smooth transition, feature parity, and consistent UX across the platform.

Pugalia Woollen Mills Sep 2024 – Mar 2025
Backend Developer Remote

- Engineered a modular and scalable backend using **Node.js** and **Express**, following the **MVC architecture**.
- Implemented **middleware-based authentication**, secure **RESTful APIs**, and dynamic rendering using **EJS views**.
- Integrated **MongoDB** with optimized **Mongoose models** for efficient data handling and validation.
- Engineered a scalable solution that eliminated redundant processes, cutting quarterly expenses by **10–12 lakh**.

PROJECTS

Study Notion [🔗](#) — React.js, Tailwind CSS, Node.js, MongoDB, Cloudinary

- Developed and deployed a full-stack Learning Management System with user authentication, role-based dashboards, and secure file uploads via Cloudinary.
- Implemented MongoDB schema design and optimized queries, reducing API response time from ~500ms to ~200ms in testing.
- Built a fully responsive UI with Tailwind CSS, with 95%+ Lighthouse accessibility and performance scores.
- Improved backend performance using caching (Redis) and API optimizations, cutting repeated DB calls by ~35%.

Application Uni [🔗](#) — React, Node.js, Mongoose, OpenAI

- Launched a full-stack platform for **overseas education and foreign tours**, serving 1,500+ students monthly.
- Engineered an **AI-powered recommendation system** with OpenAI to match users to 10,000+ courses across 20+ countries.
- Optimized backend with **Node.js + Mongoose**, reducing course search latency by 40%.
- Delivered an SEO-friendly, mobile-responsive interface, increasing organic traffic by 35%.

TECHNICAL SKILLS

Languages: C, C++,TypeScript , JavaScript, MySQL

Frontend: React.js, Vue.js, Nuxt3, Tailwind, Css, Framer Motion, ShadCN, Material-UI

Backend: Node.js, Express.js, MongoDB, API-testing, JWT, OAuth,Redis

Tools: GitHub, Git, Postman,AWS-EC2, Vercel, Docker, Hostinger, Clarity, Google Analytics

Achievements

- Hacktober fest contributor **25+** Pull Request merged.
- Participated in SIH 2023,2024 and won the internal hackerthon.
- Organised technical events in GDSC focusing on web development.