

ROHAN MANDAL

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EDUCATION

Global Institute of Technology And Management , Gurgaon

2022 – 2026

B.Tech - Computer Science and Engineering - **CGPA - 7.5**

Gurgaon, Haryana

TECHNICAL SKILLS

Languages: Java, JavaScript

Frontend: HTML5, CSS3, React Js, Tailwind

Backend: Node Js, Express , MongoDB

Tools: VS Code, Git , RESTFul APIs

PROJECTS

Kitaab (Shayari) [🔗](#) | MongoDB, Express, React, Node.js, Tailwind CSS

- Implemented user registration, login, and role-based access control to enhance security and personalize the user experience.
- Made the application fully responsive, ensuring a seamless experience across mobile and desktop devices, resulting in a 20% reduction in bounce rates.
- Tested the application thoroughly for usability and performance to ensure a smooth and user-friendly experience.
- Executed disciplined version control practices using Git, enabling seamless integration with zero critical errors and enhancing overall application reliability.

ND Arts [🔗](#) | MongoDB, Express.js, React.js, Node.js, Tailwind CSS

- Built a responsive e-commerce website for a client, offering a seamless shopping experience for browsing, selecting, and purchasing products.
- Integrated OAuth authentication and Razorpay payment gateway for secure logins and real-time transactions, ensuring reliable checkout processes.
- Developed custom order forms and backend APIs to manage orders efficiently, improving order processing accuracy and reducing errors.
- Managed product image uploads using Multer and optimized storage with Cloudinary, ensuring fast page load times and enhanced user experience.

TrendStream WebApp [🔗](#) | React, TMDb API, Tailwind CSS

- Integrated the TMDb API to fetch real-time movie and TV show data, enhancing content accuracy and relevance for users.
- Used React's state management and lifecycle methods to dynamically update content based on user interactions, improving page load speed by 25%.
- Built an integrated search feature that boosted user engagement by 30%, allowing users to easily find movies and shows, significantly improving overall app usability.

Hackathon Project [🔗](#) | HTML, CSS, JavaScript, GeoJSON

- Constructed a targeted mapping system focusing on major city sectors within India's water supply framework.
- Implemented location-based features using GeoJSON, enabling users to interact with geospatial data and view specific areas or points of interest on an interactive map.
- Worked with a team of 5 members on a project during a hackathon. We planned and divided tasks to ensure steady progress. The entire project was completed within 24 hours.

ACHIEVEMENTS

HackCraft [🔗](#)

- Earned 2nd place in a project-based competition, reflecting technical skills and effective presentation.
- Received certification for 2nd place, reflecting strong performance and dedication to delivering a successful and impactful project.