

# ROHAN MANDAL

Gurgaon, Haryana

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Portfolio

## EDUCATION

Global Institute of Technology And Management, Gurgaon

2022 – 2026

B.Tech - Computer Science and Engineering - CGPA - 7.8

Gurgaon, Haryana

## TECHNICAL SKILLS

**Languages:** JavaScript

**Frontend:** HTML5, CSS3, React, Tailwind CSS

**Backend & Database:** Node.js, Express.js, MongoDB

**Tools:** VS Code, Git & GitHub

## PROFILE

Full-stack MERN developer with experience building and deploying applications using React, Node.js, Express, and MongoDB. Delivered real-time features with Socket.io, payment processing, REST API integrations, authentication, and Cloudinary-based image management.

## EXPERIENCE

Iconiq Gifts | Frontend Developer Intern

Sept 2025 – Present

- Developed a production React UI using Tailwind and React Router, increasing component reuse and reducing duplicated UI code by 15-20% through reusable ProductCard, Navbar, and modal components.
- Optimized media delivery via Cloudinary CDN and lazy loading, reducing average image load time by 50% and improving LCP performance.
- Delivered feature modules (product zoom, hamper builder, WhatsApp deep-link flow, calendar widgets, carousel), supporting 150+ SKUs across multiple categories.
- Integrated enquiry and contact forms with a legacy PHP backend, enabling 100% automated request capture and eliminating manual submission tracking.
- Deployed the production site on Hostinger with Vite builds and environment configs, ensuring stable uptime and fast asset delivery.

## PROJECTS

Kitaab (Shayari) | MongoDB, Express.js, React, Node.js, Tailwind CSS

Apr 2025

- Developed full-stack MERN platform with 90+ content items (52 curated shayari + 38 books) and AI chatbot using Groq SDK (Llama-3.3-70B) generating contextual Urdu/Hindi poetry.
- Architected real-time messaging system using Socket.io with 4 core features (typing indicators, read receipts, online presence, delivery tracking) across 8 MongoDB models.
- Implemented 11 RESTful API endpoints supporting social features (follow/unfollow, bookmarks, likes, notifications) with JWT authentication and bcrypt password hashing.
- Integrated Razorpay payment gateway and Cloudinary CDN with 49 responsive React components, enabling complete e-commerce workflow from cart to checkout.

Hackathon Project | HTML, CSS, JavaScript, GeoJSON

Aug 2024

- Engineered interactive map interface visualizing 50+ water facilities (dams & treatment plants) across 28+ Indian states using Leaflet.js and structured GeoJSON datasets.
- Programmed zone navigation with markers and data popups that reduced lookup time from minutes to seconds in demo evaluations.
- Shipped a complete MVP within 24 hours by dividing UI, logic, and dataset creation across a 4-member team.

## 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.