



# Kushal Kishore

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## Education

### IIT(ISM) DHANBAD

Bachelor of Technology in Chemical Engineering (GPA: 7.15 / 10.00)

Expected May 2027

Dhanbad, Jharkhand

- **Relevant Coursework:** Data Structures and Algorithms, Intro to C Programming, Numerical Methods

## Projects

### Strivo: The Chat App

React.js, Node.js, MongoDB, Socket.io, Material UI, JWT

- Built a full-stack chat platform enabling real-time one-on-one and group communication for 100+ concurrent users using Socket.io, featuring persistent chat history, typing indicators, online status tracking, and optimized message delivery for low-latency performance
- Secured application endpoints by implementing JWT-based authentication along with role-based access control RBAC, ensuring protected user sessions, restricted access to private routes, and prevention of unauthorized data exposure
- Implemented group chat features including chat-room creation, live user indicators, and delivery tracking across 50+ active conversations

### Chillr

React.js, Node.js, MongoDB, Express.js, Chart.js

- Engineered a dual-portal event platform with real-time dashboards that helped clients track engagement and improve ticket sales by 18%
- Developed a client-side dashboard to manage 40+ events with analytics on views, revenue, and ticket sales
- Built a user portal supporting event discovery, filtering, and 200+ ticket-related test interactions

### CF Daily

HTML, Tailwind CSS, JavaScript

- Developed a Chrome extension that delivers a new Codeforces problem daily for 50+ users
- Enabled problem filtering by difficulty and tags through Codeforces API integration
- Integrated an interactive heatmap to visualize user streaks and improve engagement by 35%

## Technical Skills

**Languages:** C,C++,Python,Javascript,Typescript

**Technologies:** React.js,Express.js,Node.js, MongoDB, PostgreSQL, OpenCV, Nextjs,Shadcn UI,Material UI

**Concepts:** Data Structures and Algorithms, Object Oriented Programming, Operating System, Database Management System,Computer Networks.

## Achievements

- **Knight** (Max Rating: 1918) on **LeetCode**, solved 350+ algorithmic problems
- **Pupil** (Max Rating: 1355) on **Codeforces**
- Secured **Global Rank 106** in Starters 187 among 10,000+ participants on **CodeChef**
- Earned **4th place** in Hackfest 2025 for designing and implementing the **Chillr Project**, a full-stack event management solution

## Social Engagements

**Volunteer:** at KARTAVYA – a student-run NGO at IIT Dhanbad focused on educating underprivileged children.

**Organiser:** Played key role in sponsorship team responsible for organising Concetto'25 (Tech Fest) and Srijan'25(Cultural Fest).

**Sports Engagements:** Badminton, Chess, Cricket, Table Tennis.

**Extra-Curricular:** Intermediate-level guitar player with multiple stage performances.