Rohit Guleria

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Education

Indian Institute of Technology (ISM) Dhanbad   Expected May 2027
Bachelor of Technology in Chemical Engineering   GPA: 7.48/10.00   *Dhanbad, Jharkhand*

Technical Skills

Languages: Java, C++, JavaScript, C
Backend: Node.js, Express.js, REST APIs, JWT
Frontend: React, HTML5, CSS3, Tailwind, Bootstrap, Vite, AJAX
Databases/Tools: MongoDB, Git, GitHub, VS Code, Postman, CI/CD, Agile, Security
AI/ML: LLM Integration, Prompt Engineering
Core CS: DSA, OOP, SDLC, HTTP, Problem Solving, Web Services

Experience

Web Development Co-Head, Srijan'25 (Annual Cultural Fest, IIT Dhanbad)   Sep 2025 – Present
Indian Institute of Technology (ISM) Dhanbad   *Dhanbad, Jharkhand*
- Co-leading development of the official fest website managing **registrations, schedules, and content delivery** for 1000+ participants.
- Designed APIs and UI components emphasizing **scalability, resiliency, and secure operations** using authentication and authorization practices.
- Adopted **Agile practices** with sprint planning, documentation, and collaborative workflows for smooth rollouts.

Projects

CampusHive | *MERN Stack* | Live Demo | Github Repo
- Developed a full-stack student networking platform with **dynamic feeds, user search with follow/unfollow functionality, polls, and anonymous confessions**, optimized for high concurrency.
- Implemented **JWT authentication with email verification**, boosting trust and adoption.
- Built structured APIs with analytics endpoints and followed **CI/CD deployment workflows** with error handling for reliability.

Syllanapse AI: Academic Assistant | *React, Node.js, Express, Google Gemini API* | Github Repo
- Designed an AI-powered app that converts lecture notes into **study guides, summaries, and quizzes**.
- Integrated **Google Gemini LLM API** for dynamic prompts and multi-format input (PDF/TXT).
- Implemented server-side PDF generation and a responsive, **dark-themed UI** with React + Tailwind.

Movie Search App | *HTML, CSS, JavaScript, Bootstrap, Axios* | Live Demo | Github Repo
- Built a discovery app with **REST API integration**, custom watchlist, and IMDb rating-based sorting.
- Optimized async data fetching with Axios and used `localStorage` for persistence, improving performance and reliability.

Achievements

- **Competitive Programming:** Expert on Codeforces (peak rating 1624) and 6-star coder on HackerRank (top 5% globally); solved 500+ problems across Codeforces, LeetCode, and HackerRank.

- **JEE Advanced:** Qualified, securing admission into a premier national institute — **IIT Dhanbad**.

Social Engagements

Organizer & Club Involvement: Contributed to **Srijan'25** (Sponsorship Team) — securing partnerships and funding; Senior member of IIT Dhanbad's **Badminton Club**, competed as a state-level player.

Volunteer & Community Impact: Active with **Fast Forward India (FFI)**, IIT Dhanbad's NGO — delivering education and outreach programs; supported initiatives including a Blood Donation Camp (350+ units collected) and Umeed Fest (1,000+ participants).