Priyansh Agrawal

Leetcode Codeforces Codechef LinkedIn Github

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EDUCATION

- **PDPM Indian Institute of Information Technology, Design, and Manufacturing** — Jabalpur, India
  Bachelor of Technology - Electronics and Communication Engineering; GPA: 8.3 — *August 2023 - present*

SKILLS SUMMARY

- **Languages**: C++/C, JavaScript , TypeScript , Python
- **AI Tools and Large Language Models**: Claude AI , Cursor AI, Windsor AI, ChatGPT,OpenAI GPT (3.5/4/4o), Google Gemini
- **Frameworks & Tools**: NodeJS, ExpressJS, ReactJS, NextJS, GIT, GitHub, MongoDB
- **CS Core ::** DBMS , OOPs , Operating System , Computer Networks
- **Soft Skills**: Strategic Problem Solving , Critical Analysis , Event Management , Team Leadership , Public Presentation.

PROJECTS

- **Stock-Portfolio-Tracker** — JULY - OCT 2025
  (View Project)
  - Developed a comprehensive portfolio management system in C++17 demonstrating advanced data structures and algorithms , build with real-time market simulation with transaction history tracking using vectors and sector analysis using balanced trees (map)
  - Implemented $O(1)$ stock lookups using hash tables(unordered map) and top-performer analysis using heaps(priority queue)

  Technologies: C++17, STL, Object-Oriented Design, Git, Makefile, CLI Development

- **EduDesk - School Management Dashboard** — NOV 2025- ONGOING
  (View Project)
  - Built a fully responsive, role-based School Management Dashboard using Next.js, React, TypeScript, and Tailwind CSS, offering personalized dashboards for Admins, Teachers, Students, and Parents. Implemented searchable/paginated lists, detailed record pages, modals, charts, and calendar workflows to support announcements, classes, assignments, exams, results, and events.
  - Designed a scalable, component-driven architecture with reusable UI elements and dynamic routing, while using structured mock data to simulate CRUD interactions and streamline prototyping and handoff.

  Tech Stack: Next.js, React, TypeScript, Tailwind CSS, PostCSS , deployment-ready for Vercel or similar platforms.

ACHIEVEMENTS

- Advanced to Round 2 of Adobe India Hackathon 2025 (among thousands of participants); developed a persona-driven PDF-to-JSON converter leveraging LLMs with LangChain and ML models for intelligent document parsing.
- Two Times Merit Cum Means Scholarship Holder.(Academics)
- Solved over 800+ problems on various platforms like Codeforces , Codechef , Cses and Leetcode.
- Attained Global rank 467 in **Codechef** Starters 192.

VOLUNTEER EXPERIENCE

- **Member of CP Wing** — September 2024 - Present
  TPC-The Programming Club
  - Actively working to improve the programming culture within the institute by mentoring 50+ students in their programming journey.
  - Organized various events and hackathons within the college.

- **Student Guide** — December 2024 - Present
  Counselling Club
  - Assisted over 50+ students directly and 200+ indirectly, providing guidance throughout their college journey.

- **Hackbyte 3.0** — March 2025
  Sponsor Team and PR Team Active Member
  - Wrote several proposals and emails, securing participants from different institutes which led to the event being 4x bigger than the previous year.