

Priyansh Agrawal

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Portfolio

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

- **EduDesk – Institution Management System** Nov 2025 – Ongoing
Full Stack NEXTJS Application — GitHub — Live Demo
 - Built a fully responsive, role-based school management dashboard using Next.js, React, TypeScript, and Tailwind CSS, supporting Admin, Teacher, Student, and Parent roles with secure authentication.
 - Implemented searchable and paginated data tables, interactive modals, charts, and calendar-based workflows for managing classes, assignments, exams, results, announcements, and events.

Tech Stack: Next.js, React.js, TypeScript, Tailwind CSS, PostCSS, PostgreSQL, Prisma, Render

- **Talent-IQ - Interview Platform** Dec 2025 - Ongoing
Full Stack MERN Application — GitHub — Live Demo
 - Developed a real-time technical interview platform enabling 1-on-1 video interviews with collaborative coding and automated evaluation.
 - Integrated a VSCode-like code editor with secure sandboxed execution, live chat, and instant feedback based on test cases. Implemented authentication, background job processing, and a responsive dashboard, delivering a production-ready interview experience.

Tech Stack: React 19, TanStack, Tailwind CSS, DaisyUI, Axios, Node.js, Express.js, Clerk, MongoDB with Mongoose, Stream Node SDK (Video Chat), Inngeist, REST APIs

- **Civi – AI Resume Builder** Dec 2025
Full-Stack NEXTJS Application — GitHub — Live Demo
 - Developed an AI-powered resume builder using Next.js and TypeScript that generates ATS-friendly resumes based on user input.
 - Enabled real-time resume editing, multiple templates, and PDF export for seamless user experience.
 - Integrated intelligent content suggestions to improve resume quality and role relevance.

Tech Stack: Next.js 14, React, TypeScript, Clerk Authentication, Tailwind CSS, Radix UI, MongoDB, Mongoose, Google Generative AI, React Hook Form, Zod

- **SPT – Stock Portfolio Tracker** July 2025 – Oct 2025
DSA-Based Application — GitHub — Live Demo
 - Built a comprehensive stock portfolio management system in C++17 demonstrating advanced data structures and algorithms.
 - Implemented real-time market simulation, transaction history tracking using vectors, and sector-based analysis using balanced trees (`map`).

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

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.