Satvik Pathak

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EDUCATION

Chandigarh College of Engineering and Technology (CCET) — Chandigarh, India
B.E. in Computer Science and Engineering — *Aug. 2023 – Present*

GMSSS-35 Chandigarh — Chandigarh, India
Senior Secondary, Science PCM (Class 12) – 90.4% — *2021 – 2023*

EXPERIENCE

Frontend Developer Intern — June 2025 – July 2025
DRDO (Defence Research and Development Organisation) — *India*
- Developed a responsive internal dashboard using **Next.js** and **Tailwind CSS** to visualize complex research datasets.
- Implemented efficient client-side state management and reusable UI components, reducing redundant API calls.

Vice Chair - ACM Student Chapter — Jan. 2025 – Present
CCET, Chandigarh — *India*
- Led a dev team to revamp the chapter website for mobile responsiveness and conducted **React.js** workshops for 100+ students.

President - Hackathon Club — Nov. 2024 – Present
CCET, Chandigarh — *India*
- Orchestrated 2 major hackathons, managing the frontend deployment of the event portal using **TypeScript** and **Vercel**.

PROJECTS

Career Pathfinder | *Next.js, Framer Motion, TypeScript, Gemini AI* — Mar. 2025
- Built an interactive career platform with **Framer Motion** transitions and a dynamic quiz interface for immediate user feedback.
- Integrated AI-generated roadmaps into a clean, card-based UI to visualize personalized career trajectories.

Hackathon Club Platform | *React.js, Tailwind CSS, Vercel* — Nov. 2024
- Deployed a fully responsive event management portal enabling seamless registration and real-time updates for participants.
- Optimized asset loading and utilized Next.js server-side features to ensure fast content delivery on mobile devices.

Rakshak AI Dashboard | *React.js, Recharts, Material UI* — June 2025
- Designed a real-time monitoring frontend for an AI security system, visualizing live alerts and status updates.

TECHNICAL SKILLS

Frontend: React.js, Next.js 14, TypeScript, HTML5, CSS3, Tailwind CSS, Framer Motion, Redux
Tools & Design: Figma, Git/GitHub, Vercel, Postman, Docker, Chrome DevTools
Core Concepts: Responsive Web Design, SPA/PWA, State Management, REST API Integration, Accessibility
Languages: JavaScript (ES6+), C++, Python, Solidity

ACHIEVEMENTS

National Winner, Cyberthon.ai 2025: Recognized for best UI/UX implementation in a security dashboard among **100+** teams.

1st Place, IPD Expo: Awarded for "Most User-Centric Design" out of **50+** technical project entries.

Frontend Mentor: Conducted sessions on "Building Pixel-Perfect UIs," mentoring peers in React and CSS Grid layouts.