

# Satvik Pathak

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## EDUCATION

<b>Chandigarh College of Engineering and Technology (CCET)</b> <i>B.E. in Computer Science and Engineering</i>	Chandigarh, India <i>Aug. 2023 – Present</i>
<b>GMSSS-35 Chandigarh</b> <i>Senior Secondary, Science PCM (Class 12) – 90.4%</i>	Chandigarh, India <i>2021 – 2023</i>

## EXPERIENCE

<b>Frontend Developer Intern</b> <i>DRDO (Defence Research and Development Organisation)</i>	June 2025 – July 2025 <i>India</i>
<ul style="list-style-type: none"><li>– Developed a responsive internal dashboard using <b>Next.js</b> and <b>Tailwind CSS</b> to visualize complex research datasets.</li><li>– Implemented efficient client-side state management and reusable UI components, reducing redundant API calls.</li></ul>	
<b>Vice Chair - ACM Student Chapter</b> <i>CCET, Chandigarh</i>	Jan. 2025 – Present <i>India</i>
<ul style="list-style-type: none"><li>– Led a dev team to revamp the chapter website for mobile responsiveness and conducted <b>React.js</b> workshops for 100+ students.</li></ul>	
<b>President - Hackathon Club</b> <i>CCET, Chandigarh</i>	Nov. 2024 – Present <i>India</i>
<ul style="list-style-type: none"><li>– Orchestrated 2 major hackathons, managing the frontend deployment of the event portal using <b>TypeScript</b> and <b>Vercel</b>.</li></ul>	

## PROJECTS

<b>Career Pathfinder</b>   <i>Next.js, Framer Motion, TypeScript, Gemini AI</i>	Mar. 2025
<ul style="list-style-type: none"><li>– Built an interactive career platform with <b>Framer Motion</b> transitions and a dynamic quiz interface for immediate user feedback.</li><li>– Integrated AI-generated roadmaps into a clean, card-based UI to visualize personalized career trajectories.</li></ul>	
<b>Hackathon Club Platform</b>   <i>React.js, Tailwind CSS, Vercel</i>	Nov. 2024
<ul style="list-style-type: none"><li>– Deployed a fully responsive event management portal enabling seamless registration and real-time updates for participants.</li><li>– Optimized asset loading and utilized Next.js server-side features to ensure fast content delivery on mobile devices.</li></ul>	
<b>Rakshak AI Dashboard</b>   <i>React.js, Recharts, Material UI</i>	June 2025
<ul style="list-style-type: none"><li>– Designed a real-time monitoring frontend for an AI security system, visualizing live alerts and status updates.</li></ul>	

## 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.