

Abhishek Kumar Pandey

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Aspiring Software Engineer skilled in MERN stack development, cloud deployment, and API integration. Experienced in building scalable applications with React, Node.js, MongoDB, and Firebase. Strong foundation in data structures, algorithms, and competitive programming.

EDUCATION

- Chandigarh University** Chandigarh, India
Bachelor of Engineering - Computer Science and Engineering
Cgpa: 7.4 June 2022 - June 2026
- Cambridge Senior Secondary School** Bihar, India
Intermediate; Percentage: 82.8 2021
- Wood Row Senior Secondary School** Uttar Pradesh, India
Matriculation; Percentage: 86.4 2019

SKILLS SUMMARY

- Programming Languages:** JavaScript (ES6+), Java, C++, SQL, HTML5, CSS3
- Frontend Development:** React.js, Next.js, Tailwind CSS, Bootstrap; responsive and scalable UI development
- UI/UX & Design:** Figma to Frontend conversion, Responsive Design Principles, Layout Systems (Flexbox, Grid), Web Animations & Micro-interactions
- Version Control:** Git, GitHub for collaborative workflows
- Backend & APIs:** Node.js, Express.js, RESTful APIs, JWT Authentication
- Databases:** MongoDB, MySQL, Firebase Firestore
- Deployment:** Vercel, Netlify, Render
- Developer Tools:** Postman, Environment Variables

PROJECTS

- CraneSafeAI – Full-Stack, AI & IoT:**
 - Developed an AI-powered crane monitoring and predictive maintenance platform using React, Tailwind CSS, and Recharts.
 - Built real-time IoT dashboards, AI comparison tools, and impact analytics for improved safety and cost efficiency.
 - Live: <https://cranesafe.vercel.app/>
- SS Cleaners – Full-Stack Services Platform (Freelance, In Progress):**
 - Developing a modern cleaning services platform with service browsing, booking, real-time chat, and secure online payments.
 - Building an **Admin Dashboard** for enquiry tracking, booking workflow, revenue analytics, and customer communication.
 - Integrated **Razorpay Payment Gateway** with order creation, verification, and multi-method payment support.
 - Implementing real-time updates using **Supabase Realtime** and Edge Functions.
 - Live (In Development): <https://ss-cleaners.vercel.app>
- CitySense – Full-Stack, Geolocation:**
 - Architected a full-stack urban issue reporting platform using React, Node.js, Express, Tailwind CSS, Cloudinary, and Leaflet.js.
 - Integrated Firebase authentication, secure uploads, and an admin dashboard; validated 200+ geolocation-based reports.
 - Live: <https://city-sense-flame.vercel.app>

CERTIFICATIONS

- Introduction to Frontend Development – META (Coursera):**
- Programming with JavaScript – META (Coursera):**
- Smart India Hackathon – Student Coordinator Certificate:**
- NASA Space Apps Challenge – University Level Organizer Certificate:**

ACHIEVEMENTS

- Event Coordination:** Organized 5 university-level technical events and coding competitions with 200+ student participants at Chandigarh University (2023–2024), enhancing leadership and teamwork skills.
- Competitive Programming:** CodeChef – 3-Star Coder (Peak Rating: 1657, Global Rank: 765). Codeforces – Pupil Title (Max Rating: 1233). Solved 300+ algorithmic problems across multiple platforms (2022–2024).
- Hackathons:** Secured 3rd place at Hack With Impact 2025. Ranked in the Top 10 at Hack With Tricity 2024. Demonstrated strong problem-solving and rapid prototyping skills.