

Vansh Pratap Singh

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Career Objective

Aspiring software engineer with a strong foundation in full-stack web development, DSA, and a keen interest in AI/ML and data science. Passionate about problem-solving and developing innovative, data-driven solutions. Seeking opportunities to apply my skills in software development and emerging technologies while continuously learning and growing.

Education

Bachelor of Engineering, Computer Science	Mohali, India
<i>Chandigarh University (GPA: 8.0)</i>	2023–Present
Class 12th CBSE	Shamli, India
<i>St. R. C. Scientific Convent School (85%)</i>	2022–2023
Class 10th CBSE	Shamli, India
<i>St. R. C. Scientific Convent School</i>	2020–2021

Projects

DISHA: Real Time Disaster Management System [Live Link]	July 2024 – Dec 2024
<i>Description:</i> Engineered a scalable disaster management platform with AI-driven Sentiment Analysis for crisis assessment, Predictive Analysis for proactive response, and multilingual support with real-time resource mapping.	
<i>Technologies:</i> React, HTML, CSS, JavaScript, Node.js, Express.js, REST APIs, MongoDB, Python, FastAPI	
Thakur Dealings: Vehicle Reselling Platform [Live Link] Sep 2025 – Nov 2025	
<i>Description:</i> Developed a modern vehicle reselling platform for a franchise enabling efficient buying and selling of cars and bikes with admin dashboard for managing listings, specifications, and inquiries.	
<i>Technologies:</i> React, Next.js, JavaScript, Firebase (Hosting, Firestore, Authentication)	
ReCraft: Sustainable Circular Commerce [Live Link]	Jan 2025 – July 2025
<i>Description:</i> Created a platform rewarding eco-friendly actions with GreenBits, enabling product scanning for Sustainability and Transparency Scores, and dashboards for stakeholders.	
<i>Technologies:</i> HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, EJS, Cloudinary, QR API, Multer, REST APIs	

Technical Skills

Languages: C/C++, Java, Python, JavaScript (ES6+), SQL, Git
Frontend: HTML, CSS, UI/UX, React, Next.js, EJS
Backend: Node.js, Express.js, RESTful APIs, FastAPI, Cloudinary, Multer
Databases: SQL, MySQL, MongoDB, Firestore, RDBMS, Oracle SQL
Tools/Platforms: GitHub, Firebase, Postman, Figma, Canva, IntelliJ IDEA, Render, AWS, Google Cloud

Interpersonal Skills

- Time Management & Multitasking
- Team Collaboration & Leadership
- Critical Thinking and Analysis
- Strong Problem Solving

Achievements

Finalist in SIH (Smart India Hackathon) 2024 – Top 27 out of 600 teams

Certifications

Data Visualisation – TATA (Oct 2024 – July 2025)
Solutions Architecture Job Simulation – AWS (July 2025)
Critical Thinking & Problem Solving – LinkedIn Learning (May 2023)
SQL: A Practical Introduction – IBM (Mar 2025)
Introduction to Databases – META (Mar 2025)