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
Chandigarh University (GPA: 8.0) — 2023–Present
Class 12th CBSE — Shamli, India
St. R. C. Scientific Convent School (85%) — 2022–2023
Class 10th CBSE — Shamli, India
St. R. C. Scientific Convent School — 2020–2021

PROJECTS

DISHA: Real Time Disaster Management System
Description: Engineered a scalable disaster management platform with AI-driven Sentiment Analysis for crisis assessment and Predictive Analysis for proactive response.
Technologies: HTML, CSS, JavaScript, Node.js, Express.js, REST APIs, MongoDB, Python

Psyduck: Digital Wellbeing Monitoring Extension
Description: Developed a Chrome extension that flags harmful content, analyzes browsing patterns, calculates Digital Resilience Score (DRS), and offers AI-powered stress-reduction tips.
Technologies: HTML, CSS, JavaScript, OpenAI API, MongoDB, Chrome Extensions API, RESTful APIs, Express.js

ReCraft: Sustainable Circular Commerce
Description: Created a platform rewarding eco-friendly actions with GreenBits, enabling product scanning for Sustainability and Transparency Scores, and dashboards for stakeholders.
Technologies: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, EJS, Cloudinary, QR API, Multer, REST APIs

TECHNICAL SKILLS

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

INTERPERSONAL SKILLS

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

ACHIEVEMENTS

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

CERTIFICATES

- 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)