

Jaanvi Chouhan

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SUMMARY

Computer Science undergraduate with strong foundations in full-stack web development and data structures. Experienced in building scalable web applications and computer-vision solutions using React, Node.js, Python, and OpenCV. Proven ability to learn quickly, write clean code, and perform in competitive environments through hackathons and real-world projects. Seeking software engineering roles focused on impact and performance.

TECHNICAL SKILLS

Programming: Java, Python, C

Web Development: React.js, Node.js, HTML, CSS, JavaScript

Databases: SQL, MongoDB

Tools: Git, GitHub, VS Code, Vercel, Figma

Core CS: Data Structures & Algorithms, Computer Networks

PROJECTS

AuraCalc – Multi-Utility Calculator Suite [Live](#)

Frontend Web Application

Built a premium calculation suite with 15+ financial, health, and utility calculators.

Designed a responsive UI with Light/Dark/System themes and smooth animations.

Focused on performance, usability, and clean component-based architecture.

June 2025 – June 2025

React.js, Tailwind CSS, Framer Motion

Kinetic Dash [Live](#)

System Dashboard Application

Built a high-fidelity dashboard with physics-based UI and real-time system data.

Integrated hardware APIs and live event feeds with smooth state management.

Focused on UX realism, modular design, and scalability.

June 2024 – July 2024

Next.js, TypeScript, Tailwind CSS

Hand Gesture to Speech Translation System

Computer Vision Project

Developed a real-time system that converts hand gestures into spoken output to assist communication.

Implemented gesture recognition using OpenCV and image processing techniques.

Integrated text-to-speech conversion for real-time audio output.

Jan 2023 – Feb 2023

Python, OpenCV

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Medi-Caps University

Aug 2023 – May 2027

CGPA: 8.57

CERTIFICATIONS

Data Structures and Algorithms in Java – Physics Wallah

Complete Git & GitHub Course – Geekster

ACHIEVEMENTS & ACTIVITIES

Participant – Smart India Hackathon (2nd & 3rd Year)

Participant – Quasare Hackathon by 47 Billion / IQ Paths

Open Source Contributor – GirlScript Summer of Code (GSSoC)