

Jaarvi 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

June 2025 – June 2025

React.js, Tailwind CSS, Framer Motion

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.

Kinetic Dash [Live](#)

System Dashboard Application

June 2024 – July 2024

Next.js, TypeScript, Tailwind CSS

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.

Hand Gesture to Speech Translation System

Computer Vision Project

Jan 2023 – Feb 2023

Python, OpenCV

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.

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)