Chetan Singh

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Career Objective

Final-year student with hands-on experience in building web applications. Interested in backend development and learning how real-world products are built.

Work Experience

Backend Development Intern — Humble Walking
June 2025 – July 2025

- Built and maintained RESTful APIs using Node.js and Express.js for scalable services.
- Worked closely with frontend teams to define API specs and improve UX.
- Debugged and optimized server-side logic for better reliability.

Research & Development Intern — Robokart
Dec 2024

- Conducted sessions teaching Arduino, sensors, and electronics basics.
- Demonstrated IoT projects and guided students in hands-on hardware circuits.
- Collaborated with faculty to design engaging beginner content.

Projects

Price Tracking Web Application (Ongoing)
[GitHub]

Working on a web application that tracks product prices from different e-commerce websites.

- Built REST APIs using Node.js and Express.js.
- Scraped product prices using Cheerio and Axios.
- Displayed price data and history using React and MongoDB.

WhatsApp Bot Automation
[GitHub]

Built a WhatsApp bot using Node.js.

- Validated user input and stored data in MongoDB.
- Created simple REST APIs to manage user data.

Institute Management System

Built a full-stack role-based system for students, faculty, and admins.

- Implemented JWT-based authentication with protected API routes.
- Designed MongoDB schemas and REST APIs for attendance, classroom occupancy, and issue management.
- Built reusable React components and integrated APIs using Axios for dashboard updates.
- Used backend middleware for request validation and access control.

Tech Used: React, Node.js, Express.js, MongoDB

Skills

Languages: JavaScript, C++, Python
Web Technologies: HTML, CSS,React.js, Node.js, Express.js,next.js
Databases: MongoDB,MYSQL
Core Concepts: Data Structures, REST APIs, DBMS, OOP

Education

B.Tech, Electronics and Telecommunication Engineering
2022 – 2026
Shree L R Tiwari College Of Engineering

Senior Secondary (XII)
2021
Sardar Vallabhbhai Patel Vidyalaya and Jr. College, Mumbai

Secondary (X)
2019
Mother Mary's English High School, Thane

Certifications & Activities

- Completed GFG 160-Day DSA Challenge.
- Advanced Emerging Tech Training – ML, IoT, Deep Learning, SAP BTP.
- Organized inter-college chess tournament; active member of the college chess club.
- Participated in DLLE outreach programs.