

Tushar Ruhela

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Professional Summary

Passionate Computer Science student with strong foundation in full-stack development, problem-solving, and modern web technologies. Experienced in building scalable applications using React, Node.js, TypeScript, and REST APIs. Quick learner with a focus on clean architecture, teamwork, and delivering real-world solutions.

Skills

Programming Languages: JavaScript, TypeScript, Python, SQL, C, C++, Java

Frontend: React.js, Tailwind CSS, Framer Motion, Redux Toolkit

Backend: Node.js, Express.js, REST APIs

Tools & Others: Git, GitHub, Postman, MongoDB, VS Code, Linux

Education

Chitkara University, B.Tech in Computer Science

Aug 2023 – May 2027

• **GPA:** 8.27 **Coursework:** Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks

Projects

AutoMeet — AI-Powered Meeting Recorder & Summarizer

Open App

- Built an AI-driven system to record Google Meet sessions and auto-generate transcripts and summaries.
- Integrated **Vosk** for speech-to-text and **Gemini API** for AI summarization.
- Designed RESTful APIs and automated media handling using **FFmpeg**.
- Tech stack: **Python (Flask)**, React.js, Tailwind CSS.

Video Calling App with Real-Time Chat

GitHub

- Developed a peer-to-peer video call system using **WebRTC** and **Socket.IO**.
- Enabled live text chat and secure room management with real-time synchronization.
- Responsive UI with React.js and Tailwind CSS for cross-device compatibility.
- Focused on real-time communication and event-driven architecture.

AI Memory App — Intelligent Data Extraction & Search

GitHub

- Built a cross-platform **React Native** app that stores and retrieves user memories using AI and vector search.
- Implemented backend with **Node.js** and **Prisma ORM** connected to a **Pinecone vector database**.
- Integrated PDF and image data parsing — app extracts and indexes semantic meaning using embeddings.
- Enables contextual search and memory retrieval using similarity-based vector queries.

Certifications

- **Cloud Computing (NPTEL)** — Covered virtualization, IaaS, PaaS, SaaS, and deployment models.
- **Introduction to Cybersecurity (Cisco Networking Academy)** — Learned fundamentals of network security, cryptography, and threat mitigation.

Achievements

- **HackIndia 2025** — Built AutoMeet, an AI-powered meeting assistant automating recording and summarization.
- **Ideathon 2024 (Finalist)** — Pitched an AI-driven career recommendation platform for students.