

Keshav Goyal

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Education

Punjab Engineering College, Chandigarh

B.Tech in Computer Science and Engineering (2024-2028)

CGPA: 8.79

DAV Public School, Patiala

Class XII (2024)

89.4%

Class X (2022)

97.2%

Skills

- **Languages:** Java, C++, Python, JavaScript, Kotlin
- **Development:** MERN Stack, REST APIs, MongoDB, Tailwind CSS, WebRTC, Streamlit, Manifest V3, GenAI
- **Tools:** Git, GitHub, Docker, Hoppscotch, Google Cloud Platform
- **CS Fundamentals:** Data Structures, Algorithms, OOP, Operating Systems, Computer Networks, AI/ML
- **Competitive Programming:** [CodeChef \(3★\)](#), [Codeforces \(Specialist\)](#), [LeetCode \(1700+\)](#)

Projects

LasMinAI – AI Productivity Platform *MERN • Gemini • Chrome Extension • Google Workspace APIs*

- Built an agentic AI productivity platform that autonomously extracts, prioritizes, schedules, and manages tasks using **conversational AI**, **browser automation**, and **Google Workspace integrations**.
- Developed **9 interconnected** AI modules, including task management, intelligent workspace planning, proactive reminders, gamified habit tracking, global voice assistant, browser task extraction, and smart form autofill.
- Designed a **dynamic priority scoring** engine combining urgency and AI-estimated task complexity to optimize execution order.

NexMeet – Real-Time Video Conferencing Platform *React • Node.js • MongoDB • WebRTC • LiveKit*

- Built a full-stack video conferencing platform supporting **50+ concurrent users** using **SFU** architecture.
- Implemented room-based session management and meeting workflows including video calls, screen sharing and live chat with a **responsive user interface** built with React, Tailwind CSS, and Lucide icons.

AI Knowledge Retrieval System (RAG) *Python • FAISS • Hugging Face • FastAPI • Streamlit*

- Built a Retrieval-Augmented Generation system processing **1,000+ pages** and generating **6,000+ vector embeddings** for semantic document search.
- Developed REST APIs for document ingestion and real-time querying with source-grounded responses.

Experience

Backend Engineering Intern – Reagvis Labs

Jun 2026 – Present

- Contributing to **software architecture** and collaborating with the development team to build reliable production applications.
- Working on scalable web architecture while integrating **AI services** into production workflows.

Frontend Developer (Freelance) – Rohindia

Oct 2025 – Nov 2025

- Developed frontend features for production applications including the **CafeLamhey** blogging platform.
- Implemented **responsive UI components**, optimized client-side performance, and collaborated with backend developers to integrate REST APIs.

Open Source Contributor – Hacktoberfest

Oct 2025

- Contributed to multiple open-source repositories including AlgoVisualizer and ACM-Fun.
- Optimized **6+** UI components, enhanced backend APIs, and streamlined debugging workflows, improving interface consistency and overall system reliability.

Achievements

- **99.5 Percentile** in JEE Mains 2024 | **295** Score in BITSAT 2024
- Qualified JEE Advanced 2024 (Rank: 13352)
- College Finalist – Smart India Hackathon 2025

Positions of Responsibility

Implementation Body Member – PEC ACM-CSS

- Delivered a GitHub workshop for 50+ students covering version control and practical Git/GitHub usage.
- Actively contribute to college events and technical sessions to foster a strong coding culture across campus.
- Core Committee Member – Women Empowerment Cell, PEC
- Foundational Committee Member – Speed Cubing Club, PEC