

Mayank Sharma

[LinkedIn](#) | [Github](#) | [Leetcode](#)

TECHNICAL SKILLS

Languages: C++ [Intermediate], Java [Intermediate], Python [Intermediate], JavaScript [Intermediate]

Frontend: HTML, CSS, JavaScript, ReactJs, Tailwind CSS

Backend: NodeJs, ExpressJs, REST API, Google OAuth

Databases: MongoDB, Mongoose, MySQL

Tools: Git, GitHub, Linux, Axios, Postman, Vercel, Netlify, Figma, JWT Authentication

PERSONAL STATEMENT

Computer Science student specializing in **full-stack development** with a strong foundation in **Data Structures & Algorithms**. Seeking an internship to contribute to **impactful projects** and enhance skills in **scalable architectures** and **system efficiency**.

PROJECTS

[Nexora](#) | [Github Repo Link](#)

May-2025 - Ongoing

Built a full-stack MERN web application (Nexora) designed to improve student productivity, collaboration, and engagement by combining academic, community, and task-management tools into a single platform.

- **Tech Stack and Frameworks used:** ReactJs, NodeJs, ExpressJs, MongoDB, Tailwind CSS, JWT Authentication, Google OAuth, Multer, LLM APIs (AI Autocomplete), Vite, Docker.
- **Problem Solved / Use Case:** Helps students stay organized and connected by providing event tracking, task management, academic resource sharing, and real-time collaboration within a unified campus platform.
- **Impact / Usage:** Enables students to manage tasks, track campus events, collaborate with peers, and access shared resources through a responsive web app, with planned Android APK support for mobile accessibility.
- **Challenges Tackled / Learning Outcome:** Designed scalable MongoDB schemas, implemented secure authentication with JWT and OAuth, integrated AI-powered autocomplete using LLMs, handled file uploads, enabled real-time updates, and followed a structured 6-week development lifecycle with testing, deployment, and open-source contributions.

[Chatzy](#) | [Github Repo Link](#)

Nov-2025 - Ongoing

Built a real-time chat web application that enables seamless communication between multiple users using WebSockets, featuring message persistence and a modern, responsive UI.

- **Tech Stack and Frameworks used:** ReactJs, Vite, NodeJs, ExpressJs, Socket.io, MongoDB, Mongoose, Tailwind CSS, JWT Authentication, CORS.
- **Problem Solved / Use Case:** Enables real-time communication for users with instant message delivery, typing indicators, and reliable data storage, suitable for collaborative and social chat use cases.
- **Impact / Usage:** Allowed multiple users to chat simultaneously with real-time updates, dark/light mode support, and persistent chat history, improving user engagement and usability.
- **Challenges Tackled / Learning Outcome:** Implemented real-time communication using Socket.io, handled WebSocket events efficiently, managed state across users, and ensured secure authentication with JWT.

EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering)

2024-2028

Campus: Baddi, Himachal Pradesh | **Bachelor's enrollment:** B.E CSE, Chitkara University

ACHIEVEMENTS & EXTRACURRICULARS

- Secured **9.84 CGPA** in first year of Engineering
- **Personal Interests:** Exploring new technologies and helping peers grow through collaboration, mentoring, and knowledge sharing.