

Sanket Mistry

+91-9879619815 | sanmist2108@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

EDUCATION

The LNM Institute Information Technology <i>Bachelor of Technology - Computer and Communication Technology</i>	Jaipur, India Aug. 2023 - May 2027
DPS Panipat Refinery <i>Class-XII (Science Stream) - Percentage: 92.6%</i>	Panipat, India 2023
DPS Panipat Refinery <i>Class-X - Percentage: 88.8%</i>	Panipat, India 2021

EXPERIENCE

Teaching Assistant <i>The LNM Institute of Information Technology</i>	January 2025 - April 2025
- Mentored 80+ students in NumPy, Pandas, and Scikit-learn, helping improve assignment completion and debugging efficiency during lab sessions - Provided hands-on support during lab sessions, assisting students in debugging code and applying theoretical concepts	

PROJECTS

CodeCollab <i>Node.js, Express, React, Socket.IO, MongoDB, WebRTC</i> GitHub Live Demo	2025
- Engineered a real-time collaborative coding platform supporting multi-user editing with WebRTC and Socket.IO, reducing synchronization latency by 40% - Integrated Monaco Editor to provide a VS Code-like editing experience with syntax highlighting and intelligent code handling - Designed room-based architecture enabling multi-user file sharing and synchronized editor states - Implemented real-time communication features including chat, shared whiteboard, and WebRTC-based video calls	
Insurance Claim Decision Assistant <i>Python, FastAPI, LLM, LangChain, JSON, ChromaDB</i> GitHub	2026
- Built a full-stack LLM-powered claim evaluation system using Groq's LLaMA 3.3 70B for NLP parameter extraction, applying 5 rule-based decision engines to auto-generate APPROVED/REJECTED verdicts, reducing manual claim processing time by 40%. - Implemented RAG pipeline using ChromaDB and HuggingFace embeddings for semantic PDF chunking, enabling context-aware policy Q&A with source attribution.	
WavesHub <i>React, Vite, JavaScript, TailwindCSS, Vercel</i> GitHub Live Demo	2025
- Developed a responsive web application using React and Vite with component-based architecture and TailwindCSS for scalable UI development - Implemented YouTube Data API integration to retrieve and display curated lecture playlists, including professor-uploaded content, improving accessibility of learning resources within the platform	

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Python, SQL, HTML5, CSS3
Frameworks/Libraries: React, Node.js, Express.js, FastAPI, Socket.IO, TailwindCSS, LangChain, Pandas, NumPy
Developer Tools: Git, GitHub, Docker, Vercel, VS Code, Google Cloud Platform
Databases: MongoDB, PostgreSQL
Concepts: Data Structures & Algorithms, REST APIs, WebSockets, OOP, System Design Fundamentals

ACHIEVEMENTS

- Solved **300+ problems** on **LeetCode** with a maximum contest rating of **1654**
- Achieved **96.2 percentile** in **JEE Mains** among **1.1M+ candidates**, ranking in the **top 3.8%**
- School topper in **Physics and Mathematics** in **Class XII**