Pragyan Bhatt

B.Tech in Computer Science and Engineering, VIT Bhopal

GitHub: pragyanbhatt1213

☏ +91-800696528

✉ pragyanntt@gmail.com

in pragyanbhatt99

SUMMARY

Pre-final year Computer Science student (CGPA: 8.66) with strong foundation in **Data Structures, Algorithms, OS, and DBMS**. Experienced in building **full-stack applications, APIs, and scalable systems** using C++, Python, and JavaScript. Solved 300+ problems on LeetCode and Codeforces. Passionate about backend engineering, problem solving, and collaborative software development.

EDUCATION

•**Bachelor of Technology in Computer Science**	*2023 – 2027*
Vellore Institute of Technology, Bhopal	CGPA: 8.66
•**XII Standard, CBSE**	*2022*
Kendriya Vidyalaya New Tehri Town	78.16%
•**X Standard, CBSE**	*2020*
All Saints Convent School, New Tehri	82%

TECHNICAL SKILLS

- **Languages**: C++, Python, Java, JavaScript, React Native, HTML, CSS

- **Frameworks & Libraries**: React, Node.js, Express.js, Tailwind CSS

- **Databases & Tools**: MySQL, PostgreSQL, Supabase, Firebase, Git/GitHub, Docker

- **Core CS**: DSA, OOPS, OS, DBMS, Networking, Software Testing

PROJECTS

•**SentryWallet**

React, Supabase, Solidity ⍟

- Developed a **recoverable crypto wallet** with Supabase authentication and Solidity smart contract for social recovery.
- Built a secure **full-stack architecture** with frontend-backend integration and encrypted wallet storage.

•**Crowd Scanner**

YOLOv8, OpenCV, CUDA ⍟

- Built a real-time crowd detection system with **93.1% F1 score** in low-light conditions.
- Implemented GPU-accelerated pipeline for high-throughput video analytics.

•**RAG-Mitra**

React, LangChain, ChromaDB ⍟

- Created a full-stack conversational bot with **semantic search and chat memory**.
- Integrated error handling and scalable backend for reliable performance.

ADDITIONAL PROJECTS

•**Currency Converter**

React Native, REST APIs ⍟

- Mobile app fetching real-time exchange rates with API integration and error handling.

•**Password Generator**

React Native ⍟

- Developed an offline app to generate strong passwords with customizable inputs.

ACHIEVEMENTS

•**Competitive Programming** Solved 300+ problems on LeetCode; active on Codeforces	*2023 – Present*
•**Hackathons** Contributed in 5+ hackathons, focusing on rapid prototyping and team collaboration	*2022 – Present*