

Pragyan Bhatt

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Summary

Computer Science student (CGPA 8.66) with hands-on experience in AI/ML and full-stack development. Solved over 100 problems on LeetCode and am active on Codeforces. Passionate about building scalable systems and contributing to real-world software projects.

Education

Vellore Institute of Technology | Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science | 2023 — 2027

- CGPA: 8.66

Kendriya Vidyalaya New Tehri Town, Uttarakhand | New Tehri, Uttarakhand
XII Standard | 2022

- Percentage: 78.16%

All Saints Convent School | New Tehri, Uttarakhand
X Standard | 2020

- Percentage: 82%

Technical Skills

- **Programming Languages:** Python, JavaScript, C++, React Native, Solidity
- **Frameworks & Libraries:** React, LangChain, Tailwind CSS, YOLOv8, OpenCV, HuggingFace, Ethers.js
- **Databases & Tools:** MySQL, PostgreSQL, ChromaDB, Supabase, CVAT, CUDA/GPU acceleration, GitHub

Projects

Crowd Scanner

- Built a YOLOv8-based real-time crowd detection system with a 93.1% F1 score in low-light conditions.
- Deployed with GPU acceleration, demonstrating strong performance and practical applicability.

RAG-Mitra

- Built an AI assistant for Indian heritage sites, enabling contextual Q&A with multi-turn memory and error handling.

SentryWallet (Hackathon Project)

- Implemented a recoverable self-custody crypto wallet with Supabase Auth and a Solidity smart contract.
- Integrated the contract logic into a React.js frontend for secure user onboarding and wallet recovery.

Achievements

- **Competitive Programming:** Solved 100+ problems on LeetCode and active on Codeforces.
- **Hackathons:** Participated in 5+ hackathons, focusing on rapid prototyping and teamwork in real-world problem-solving.