Sujal Patel

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About

I'm an enthusiastic tech explorer driven by **curiosity** and **precision**, currently pursuing a **B. Tech** in **Information Technology**. With hands-on experience in **Python programming development** and a strong interest in **Cybersecurity**, I thrive on solving complex challenges with secure, efficient solutions. My academic background has equipped me with solid skills in **C**, **Python** (*my core strength*), **Java**, **DBMS**, **OOP**, **MEA(R)N Stack**, **.NET**, and **DSA**, along with practical exposure through **impact training** and real-world tech environments. I am **Oracle Gen AI certified** and a **Cisco Certified Ethical Hacker**, I'm constantly focused on growing in the fields of **Python development** and **cybersecurity**.

Project

Aether AI (Voice-Based AI Assistant) / *January 2025 – March 2025*   ○ ☑ —Repo. Link↗
- Built an AI-powered desktop assistant that automates repetitive tasks, fetches real-time data, and provides intelligent system interactions for improved productivity.
- Tools: Python, Tkinter for GUI, OpenAI API, SpeechRecognition, PyAutoGUI.

Paperly (Note Sharing App) / *October 2024 - November 2024*   ○ ☑ — Repo Link↗
- Developed a collaborative note-sharing application with features for **AI summarization**, **classroom management**, and **real-time chat**, allowing users to add, share, and collaborate on notes.
- Tools: HTML, CSS, JavaScript/TypeScript, Cloudinary, MongoDB Atlas, REST APIs, etc.

SkillSphere (Scrap tool for Career) / *April 2025*   ○ ☑ —Repo Link↗
- Developed an AI-powered platform that provides personalized guidance for career development by offering tailored insights, resume building, and interview preparation.
- Tools: Python, Streamlit, Rest APIs (Gemini, Groq), etc.

Cyber Security Scripts / *Ongoing (2024-2025)*   ○ ☑ —Repo. Link↗
- Created ethical cybersecurity tools including a keylogger and session hijacking scripts for academic use, aiding in understanding system vulnerabilities and countermeasures.
- Technologies: Python, Socket Programming, OS & Network libraries.

Skills

Languages & Frameworks: Python, C, Java, JavaScript, Django, Flask, Angular, SQL, NoSQL, REST APIs, etc.
Tools: Git/GitHub, VS Code, Google Colab, Postman, MongoDB, MySQL, Vercel, Kali Linux, TryHackMe, Figma, Canva, etc.
Core Competencies: Cybersecurity (VAPT, Ethical Hacking, SOC Analysis, DFIR), Object-Oriented Programming, Data Structures & Algorithms, Computer Networking, Software Development Life Cycle, QA Testing, NLP & Generative AI (basic), etc.

Education.

Parul University
Bachelor of Technology (B. Tech) in Information and Technology   *September 2022 - May 2026*
- **GPA**: 8.08/10.0
- **Coursework:** C, Python, Java Programming, DBMS, OOPs, EP, Cyber Security, MEA(R)N stack, PPFD, .NET, DAA/DSA

GyanManjari Vidhyapith
High School in GSHSEB   *May 2022*
- **Percentage**: 74.3%
- **Coursework:** Physics, Chemistry, Mathematics, English, and Computer

Extra Courses & Certificates (View all Certificates ↗)

Hackathon: ISRO Antariksha Hackathon Participant (2025), Vadodara Hackathon 6.0 (2025)
NPTEL: Computer Networks   **CISCO:** Ethical Hacker   **Oracle:** Gen AI Professional
Courses: App Development, UI/UX bootcamp, Figma, Flask Hacking, Python Based AI assistant, Entrepreneurship Program
Other Certifications: Forage-Cybersecurity Analyst Job Simulation, HackerRank-Python Certificate & Problem-Solving Certificate