

ABHAY TOMAR

Delhi, India | +91 9634358385 | abhaytomar7781@gmail.com

GitHub: github.com/abhaytomar7781 | LinkedIn: [linkedin.com/in/abhay-tomar-604b0b282/](https://www.linkedin.com/in/abhay-tomar-604b0b282/)

PERSONAL SUMMARY

Computer Science undergraduate focused on Artificial Intelligence and software engineering, with hands-on experience building NLP and speech-based applications and leading a team in the Smart India Hackathon 2026. Seeking an internship in a product-driven team to apply my technical and analytical skills.

EDUCATION

B.Tech – Computer Science & Engineering

Bharat Ratna Sardar Vallabh Bhai Patel, Rajkiya Engineering College, Basti

Expected July 2028 | CGPA till 2nd year: 7.225 / 10

TECHNICAL SKILLS

Languages: Python, C++, Java, C | **Web:** HTML, CSS, JavaScript

AI/ML: NLP, Speech Recognition | **Tools:** Git, GitHub, Streamlit

Core: Data Structures & Algorithms, OOPs (Encapsulation, Polymorphism, Abstraction, Inheritance)

PROJECTS

1. Swasthya Saarang – AI Patient Case-Taking Software

Role: Team Leader | Smart India Hackathon 2026 (Team Care_Coders, MedTech)

Live prototype: <https://abhaytomar7781.github.io/SIH-Project-2026/>

- Led a team to build a working prototype that captures a patient's history before the consultation through a multilingual voice/touch assistant, to ease OPD crowding and short consultation times
- Implemented the full patient flow: ABHA ID login, adaptive history questions, red-flag symptom alerts, report upload with OCR extraction, and a structured clinical summary with QR codes for physician review
- Designed the system architecture for FHIR/ABDM integration, Bhashini-based regional-language speech input, and AES-256 encrypted storage
- Tech: HTML, CSS, JavaScript (prototype); architecture planned with Python/FastAPI and PostgreSQL

2. AI-Powered Voice Scam Detection System

GitHub: github.com/abhaytomar7781/ai-fraud-call-detector

Live link: <https://abhaytomar7781.github.io/ai-fraud-call-detector/>

- Built an AI-powered fraud call detection system using Whisper and NLP-based risk analysis
- Developed weighted keyword-based fraud probability scoring for suspicious financial conversations
- Created explainable output with suspicious keyword highlighting and fraud risk visualization
- Deployed application using Streamlit Cloud and GitHub

3. Personal Portfolio Website

GitHub: github.com/abhaytomar7781/TeamSwear

Live link: <https://abhaytomar7781.github.io/TeamSwear/>

- Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase projects and technical skills
-

ACHIEVEMENTS & LEADERSHIP

- Team Leader, Care_Coders – Smart India Hackathon 2026, Problem Statement SIH26047 (Patient Case-Taking Software, MedTech/HealthTech)
- Submitted Swasthya Saarang to the UP State Innovation Challenge 2026 (Seva Sankalp Abhiyaan)