

## ABHAY TOMAR

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## PROFESSIONAL SUMMARY

Computer Science undergraduate with a strong interest in Artificial Intelligence and software engineering. Experienced in building and deploying AI-based applications using speech recognition and NLP techniques. Passionate about solving real-world problems through scalable system design and clean code practices. Seeking internship opportunities to apply technical and analytical skills in product-driven environments.

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## EDUCATION

### **Bachelor of Technology (B.Tech) – Computer Science & Engineering**

Bharat Ratna Sardar Vallabh Bhai Patel Rajkiya Engineering College, Basti

Expected Graduation: July 2028

YGPA: 7.52 / 10

Relevant Coursework:

Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Web Development

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## TECHNICAL SKILLS

**Programming Languages:** Python, C++, C, Java

**AI / ML Concepts:** NLP Basics, Speech Recognition, Weighted Risk Scoring

**Web Development:** HTML, CSS, JavaScript

**Tools & Platforms:** Git, GitHub, Streamlit, VS Code

**Core Concepts:** Data Structures (Arrays, Linked Lists, Stacks), Algorithms, OOP

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## PROJECTS

### AI-Powered Voice Scam Detection System

 Github Link: <https://github.com/abhaytomar7781/ai-fraud-call-detector>

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

- Engineered an AI-driven voice analysis system to detect fraudulent financial calls using speech-to-text and NLP-based risk scoring
  - Integrated Whisper for accurate audio transcription and implemented weighted keyword-based fraud probability normalization
  - Designed modular architecture: audio ingestion → transcription → risk scoring engine → interactive UI layer
  - Implemented explainable output with suspicious keyword highlighting and fraud risk percentage visualization
  - Deployed production-ready web application on Streamlit Cloud with Git-based version control
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### Personal Portfolio Website

 Github Link: <https://github.com/abhaytomar7781/TeamSwear>

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

Built a responsive portfolio website using HTML, CSS, and JavaScript

- Designed a clean UI to showcase technical projects and skills
  - Deployed using GitHub Pages
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### **Scientific Calculator (Python)**

- Developed a command-line scientific calculator supporting arithmetic and advanced mathematical functions
  - Applied object-oriented programming principles for modular and reusable design
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### **ACHIEVEMENTS & ACTIVITIES**

- Actively solving Data Structures & Algorithms problems on LeetCode
- Continuously learning Artificial Intelligence and Machine Learning fundamentals