

# Nadimpally Sri Vaishnavi

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**Phone:** +917569611599

**Email:** srivaishnavin2004@gmail.com

**Programming languages:** Python, Java(Beginner)

**Tools & Technologies:** HTML, CSS, js, SQL, MERN,  
Mediapipe, Open CV, Vs code.

## Education:

**Bachelor of Technology: CSE (AI&ML)** Pragati Engineering College, Andhra Pradesh

Expected – May 2026. CGPA: 7.71/10

## Experience:

### Projects

#### 1)SpeakScribe – AI-Powered Transcription Web Application: June - 2025

- Developed a web application that transcribes audio/video files using OpenAI's Whisper model.
- Enabled media file uploads for transcription in multiple audio formats and languages.
- Integrated an interactive AI chatbot that retains prior inputs for personalized user interactions.
- Designed for ease of use in transcribing lectures, meetings, and interviews.

##### Future Scope (Planned Enhancements):

- Integrate with Agentic LLMs for advanced media summarization and analysis.
- Implement speaker diarization and timestamped highlights.
- Add real-time meeting transcription and automated note generation.

#### 2)SignSpeak – Real-Time Indian Sign Language (ISL) Translator: Sep - 2024

- Developed a real-time communication tool that translates ISL gestures into text and speech output.
- Utilized computer vision techniques for gesture recognition from live video input.
- Enabled multilingual speech/text output, improving accessibility for the deaf and hard-of-hearing community.
- Designed for seamless interaction between deaf and hearing individuals.

##### Future Scope (Planned Enhancements):

- Integrate Agentic LLMs for natural language understanding and dynamic responses.
- Add support for two-way communication (speech/text to ISL avatar).
- Expand gesture recognition for full ISL vocabulary coverage.

## Leadership & Event Coordination:

- **Team Lead:** Smart India Hackathon-2024  
Translating Indian Sign Language Into Text/Speech Output.
- **Coordinator:** Data Flow Mastery & Insertion Best Practices Workshop – Brain O Vision-2025.
- **Coordinator:** Java Full Stack Development using JDBC, Servlets, JSP Workshop – Revanth Software Solutions-2025
- **Event Coordinator:** STRIDES – Tech Fest- 2025
- **Press Committee Leader:** Department of AI&ML – Led the team in preparing the departmental souvenir- 2025
- **Event Coordinator:** Talent Expo-2024

## Social Links:

- Portfolio: <https://srivaishnaviportfolio.netlify.app/>
- GitHub: <https://github.com/SrivaishnaviN>
- LeetCode: <https://leetcode.com/u/SrivaishnaviN/>
- HackerRank: <https://www.hackerrank.com/profile/22A31A4210>