

Mithilesh Thallam

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Skills

FrontEnd: HTML, CSS, JavaScript, Tailwind, ReactJS

BackEnd: Node.JS, Express.JS

Databases: MySQL, MongoDB

Programming Languages: Java, Python

Tools: VS Code, Google Colab

Version Control: Git, GitHub

Experience

MERN Stack Developer Intern Labmentix

February 2025

-> Developed a full-stack audio transcriber application using React.js, Express.js, Supabase, and Deepgram API for real-time and file-based speech-to-text conversion.

-> Collaborating with a team to ensure scalable backend architecture and seamless frontend user experience.

Education

Jain University - Bangalore | B.Tech AI in Computer Science Engineering, Expected in 2027 CGPA: 10.0

Diploma in Computer Engineering-Sree Vidyanikethan Engineering College-Tirupati | 2024 Percentage: 96.4

Projects

1. SAM: Student Attendance Management System Designed and implemented the Front-End UI for an Attendance Management System, integrating Bluetooth-based proximity verification and facial recognition to ensure accurate student authentication. Collaborated with the backend team, which developed the system using Spring Boot, enabling secure data handling and efficient attendance logging.

Frontend: HTML, CSS, JavaScript for a responsive and user-friendly interface.

Backend: Spring Boot for robust and secure server-side operations.

Features: Bluetooth-based proximity detection and facial recognition for attendance validation.

2. Audio Transcriber - Developed an audio transcription system that converts audio files and live recordings into text. - Integrated Deepgram API for high-accuracy speech-to-text conversion.

Live Preview: <https://speech-to-text-six-iota.vercel.app/>

Frontend: React.js for an interactive and dynamic user experience.

Backend: Express.js for handling API requests and managing user sessions.

Database: Supabase for secure storage and retrieval of transcriptions.

Features: Supports both file uploads and live audio transcription.

Achievements

1st Place in 24hrs Make-a-thon (2024): Secured 1st position in the 24-hour Make-a-thon conducted by Jain University, showcasing innovation and problem-solving skills.

Gold Medalist - Diploma Branch Topper: Awarded a gold medal for securing the highest aggregate across all semesters in the diploma program.