



# ARAVIND ESLAVATH

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 Hyderabad

## EXPERIENCE

### ❖ AI Full Stack Developer Intern | Altoks AI

March, 2025 – July, 2025

- Developed **VOCMATE: AI Speaking Partner**, enabling **real-time voice conversations** using **LLMs**, **Deepgram** (live transcription), and **ElevenLabs** (speech synthesis).
- Integrated **React** frontend with **Flask** backend and **MySQL** database for seamless full-stack performance.
- Gained hands-on experience with cutting-edge AI tools: **Claude (Anthropic)**, **Supabase**, **Lovable AI**, **Cursor**, **Bolt**, **Perplexity** and **GitHub collaboration**.
- Successfully managed frontend-backend integration, enhancing system responsiveness and real-time processing efficiency.

### ❖ Python Development Intern | Cognifyz Technologies

May, 2024 – Jun, 2024

- Gained hands-on experience in developing backend logic and handling data flow using Python.
- Contributed to building and testing RESTful APIs for web-based applications.
- Worked on integrating databases and writing optimized queries for CRUD operations.
- Collaborated with the development team to debug, test, and deploy Python-based modules.
- Learned version control using Git and followed proper code management practices.
- Improved understanding of real-world software development cycles and documentation standards.

## EDUCATION

### • Bachelor of Technology (B.Tech) in Computer Science Engineering

- ❖ Bharat Institute of Engineering and Technology (affiliated to JNTUH) (2021–2025)
- ❖ CGPA: **6.92**

## TECHNICAL SKILLS

#### Programming Languages:

- Python, SQL, HTML, CSS, JavaScript, React js

#### Python Frameworks/Libraries:

- FastAPI, Flask, Streamlit, Tensorflow, OpenCV

#### Database:

- Supabase, MySQL, PostgreSQL

#### SOFT SKILLS:

- Communication skills, Problem Solving, Team work, Adaptability

#### CI/CD & other Tools:

- GitHub, Vercel, Render, VSCode, Jupyter Notebook, Postman

#### AI Automation Tools:

- Lovable, Bolt, ChatGPT (OpenAI), Claude (Anthropic),  
Perplexity, Cursor AI

### ❖ VOCMATE – AI Speaking Partner

- Designed and developed an AI-powered speaking partner app (**VOCMATE**) supporting **real-time voice conversations** using **LLM-based language generation**.
- Integrated **Deepgram** for **live speech-to-text transcription** and **ElevenLabs** for **realistic voice synthesis**, enabling seamless human-AI voice interaction.
- Focused on **voice-to-voice communication**, **live feedback**, and topic-based language learning features.

**Tech Stack:** React.js, HTML, CSS, JS (Frontend), Python (Flask- Backend), Supabase (Database)

### ❖ FACIAL RECOGNITION – Based on Attendance System

- Collaborated with a team to develop a facial recognition-based attendance system as a major academic project.
- Took primary responsibility for **developing the core codebase**, including face detection, recognition, and attendance automation.
- Built a user-friendly **Tkinter GUI** to register users, track attendance, and view daily logs.
- Implemented live face capture and matching using **OpenCV** and the **face\_recognition** library for accurate identification.
- Integrated **database (SQLite/MySQL)** for storing student data and timestamped attendance records.
- Enabled **CSV export** for administrative reporting and attendance analytics.
- Focused on ensuring accuracy, performance, and ease of use for institutional deployment.

**Tech Stack:** Python – OpenCV, face\_recognition, Tkinter, NumPy, Pandas, CSV

### ❖ Personal Portfolio Website

- Developed a personal portfolio to professionally showcase academic background, technical skills, and major projects.
- Designed a clean, user-friendly, and fully responsive layout for both desktop and mobile devices.
- Created structured sections including About, Education, Skills, Projects, Resume, and Contact.
- Integrated interactive project previews and a downloadable resume for better visibility.
- Successfully deployed the website online for public access and professional presentation.

**Tech Stack:** HTML, CSS, JavaScript, React, Tailwind CSS