

ARAVIND ESLAVATH

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PROFILE SUMMARY

Computer Science graduate with hands-on experience in Python and Machine Learning through academic and internship projects.

TECHNICAL SKILLS

Programming	:Python, SQL, JavaScript
Computer Science Fundamentals	:OOP
Web & APIs	:HTML, CSS, REST APIs, Flask/FastAPI
Frameworks & Libraries	:Pandas, NumPy, Scikit-learn, OpenCV, TensorFlow/Keras, MediaPipe, NLTK, Streamlit
Databases	:MySQL, Supabase
Tools	:GitHub, Render, VS Code, Jupyter, Google Colab

PROJECTS

- **Vocmate – AI Speaking Partner**
 - Developed an AI-powered speaking partner application for real-time voice-based interaction.
 - Integrated speech-to-text and text-to-speech for seamless human–AI communication.
 - Tech Stack:* Python (Flask Backend), APIs, HTML, CSS, Supabase.
- **Facial Recognition-Based Attendance System**
 - Built an automated attendance system using face detection and recognition techniques.
 - Implemented real-time face capture and stored attendance records for reporting.
 - Tech Stack:* Python, OpenCV, NumPy, Pandas, SQL (SQLite/MySQL).
- **Sign Language Detection**
 - Built a basic sign language gesture recognition system using OpenCV and MediaPipe.
 - Tech Stack:* Python, OpenCV, TensorFlow/Keras, MediaPipe.

INTERNSHIP

AI Full Stack Developer Intern - Altoks AI	(Mar 2025 – Jul 2025)
<ul style="list-style-type: none">- Developed VOCMATE and EchoLearn-AI using React, Flask, FAISS, LLMs, Deepgram, and ElevenLabs for real-time voice interaction.	
Python Development Intern – Cognifyz	(June 2024)
<ul style="list-style-type: none">- Worked with Python for backend logic and basic data handling.- Learned REST API concepts and basic computer vision using OpenCV.	

EDUCATION

Bachelor of Technology in Computer Science	CGPA : 6.9
Bharat Institute of Engineering & Technology (JNTUH).	(2021-2025)
Intermediate (MPC)	CGPA : 5.7
Sri Chaitanya Junior College.	(2019 -2021)
Class X	CGPA : 8.7
ZPHS.	(2019)

SOFT SKILLS

Problem-Solving | Communication | Adaptability | Teamwork