

CAREER OBJECTIVE

I am a passionate 3rd-year AIML student skilled in Python, Flask, and MongoDB. Built real-time AI projects like Voice Fusion and FactWave. Eager to solve real-world problems using ML and committed to continuous learning and innovation in AI.

EDUCATION

B.Tech, Sri Shakthi Institute of Engineering and Technology	2023 - 2027
Senior Secondary (XII), Tamil Nadu State Board Science	2023
GRD CPF Matriculation Higher Secondary School	
Percentage: 83.33%	

PORTFOLIO

[GitHub link ↗](#)

PROJECTS

[FACTWAVE - A MISINFORMATION DETECTION TOOL ↗](#)

Mar 2025 - Jul 2025

- Developed a Flask application to detect fake news from live audio broadcasts.
- Integrated speech-to-text transcription (whisper) and applied NLP techniques (transformer) for content analysis.
- Created a fact-checking module using a verified claim database and displayed prediction confidence through a user-friendly dashboard.

[VOICE FUSION – AI-POWERED MULTILINGUAL DUBBING SYSTEM ↗](#)

Apr 2025 - Jun 2025

- Developed an AI-based application that converts English movie dialogues into natural Tamil speech while preserving tone, emotion, and lip-sync.
- Implemented speech extraction, voice cloning, translation, and audio synthesis using Python libraries and deep learning models.
- Designed a user-friendly desktop interface using PyQt/Tkinter for seamless movie dubbing workflows.

[AI APPROVAL PROCESS PORTAL ↗](#)

Aug 2024 - Oct 2024

- Built an AI-powered portal to automate approval by matching user-entered text with uploaded documents using ML-based content extraction and verification.
- Implemented with Python, Flask, and integrated AI models for accurate, real-time validation.

SKILLS

<ul style="list-style-type: none">• Python• Machine Learning• Django• JavaScript• TensorFlow• NumPy• Translation	<ul style="list-style-type: none">• CSS• Artificial intelligence• Flask• MongoDB• Keras• Pandas	<ul style="list-style-type: none">• HTML• Deep Learning• MySQL• Git• Transformers• Transcription
--	--	---