




THIRUMALAI G

Tech Developer

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 [LinkedIn](#) – Thirumalai G | [GitHub](#) – Thirumalai-Tech-Developer | [Hugging Face](#) – GTKING

SUMMARY

AI/ML enthusiast with hands-on experience in building computer vision tools, language model applications, and agent-based systems. Proficient in Python, PyTorch, and LangChain. Passionate about solving real-world problems using artificial intelligence.

EXPERIENCE

AI/ML Developer – Vcodez

Chennai | Mar 2025 – Jun 2025

- Worked on 5+ AI/ML projects including LLM-based and vision-based tools.
- Collaborated with clients to resolve technical issues and optimize performance of deployed models.

Freelance AI Developer

Remote | Nov 2024 – Dec 2024

- Independently developed and delivered 4 AI-focused freelance projects.
- Built custom solutions in computer vision and agent automation for clients.

EDUCATION

B.Tech - Muthayammal College of Engineering

Rasipuram | Aug 2021 – May 2025 (CGPA: 8.1)

HSC - New Power Matric Higher Secondary School

Sankarapuram | Aug 2020 – May 2021 (Percentage: 77.8%)

SSLC - New Power Matric Higher Secondary School

Sankarapuram | Aug 2018 – May 2019 (Percentage: 72.2%)

PROJECTS

<b>Sign Language Classification</b>	This project is based on Graph neural network to identify the sign language word or letters.	<b>Llama Architecture</b>	Using Python to replicate Llama Architecture using PyTorch framework.
<b>Voice-To-Voice AI Agent</b>	The system will recognize speech, convert it to text, send it as a prompt to the LLM, and then convert the LLM's response back into speech.	<b>YouTube Video AI Agent</b>	This tool takes a few keywords, generates a story, extracts image prompts for Stable Diffusion, converts the story to speech, and combines everything into a complete YouTube video.

SKILLS

**Language** – Python (Advance), JavaScript (Basics)  
**Tools & Frameworks** – PyTorch, Lang Chain, Lang Graph, ReactJS, Tailwind CSS, n8n, Comfy UI  
**Domains** – Large Language Model (LLM), Vision Language Model (VLM), AI Agent  
**Soft Skills** – Problem-Solver, Creative Thinking, Teamwork, Fast Learner

LANGUAGES

Tamil, English