Tharun Kovoor Thomas

■ tharunkovoor68@gmail.com | ■ www.linkedin.com/in/tharun68 | ■ +91 9744106500 | ■ Erumeli, Kerala

Career Objective

Final-year B.Tech Computer Science and Engineering student with strong skills in Python, Java, HTML, CSS, JavaScript, and AI. Passionate about developing intelligent software solutions and eager to contribute to innovative projects in software development and machine learning.

Education

B.Tech – Computer Science & Engineering	Toms College of Engineering	2022 – 2026
Senior Secondary (XII), Science – CBSE	Jawahar Navodaya Vidyalaya, Pathanamthitta	2022 | 70%
Secondary (X) – CBSE	Jawahar Navodaya Vidyalaya, Pathanamthitta	2020 | 84%

Projects

Sign Language Recognition and Translation

Developed an AI-based system that recognizes sign language gestures and translates them into text or speech using computer vision and deep learning (CNN). Implemented gesture detection via webcam, used Python, OpenCV, and TensorFlow/Keras for real-time classification, and integrated speech synthesis (gTTS) for audio output.

Real World Sign-to-Speech Translation for AR Glasses

Developed an AI-powered system that captures and interprets real-world sign language gestures using computer vision, then converts them into audible speech through AR glasses. The project enhances accessibility and real-time communication between hearing-impaired individuals and others.

MediMate – AI-Powered Personal Health Care Chatbot

Designed an AI chatbot for health management using NLP and machine learning. Provides health tips, reminders, and symptom-based suggestions, tracks user activities, and includes mental wellness support through motivational responses.

Experience

Corizo Edutech Private Limited | AI Intern | Bengaluru
August 2025 – September 2025

- Assisted in developing and training machine learning models for real-world problem statements.
- Conducted data preprocessing, feature extraction, and model evaluation using Python and TensorFlow.
- Collaborated with a team implementing AI-based automation projects and present findings in final review sessions.

Technical Skills

- Programming: Python, Java, HTML, CSS, JavaScript, JQuery
- Frameworks/Tools: OpenCV, TensorFlow, Flask, Git
- Databases: MongoDB, MySQL
- Core Areas: Artificial Intelligence, Machine Learning, Data Structures, Web Development

Soft Skills

Leadership, Problem Solving, Communication, Time Management, Team Collaboration, Adaptability, Creativity, Critical Thinking, Attention to Detail, Work Ethics

Achievements / Extracurricular Activities

- Participated in college tech workshops and hackathons.
- Served as a team lead for multiple academic projects.
- Engaged in community and technical events promoting digital literacy.