

# THARUN KOVOOR THOMAS

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

## CAREER OBJECTIVE

Final-year B.Tech Computer Science and Engineering student with strong foundations in Python, Java, Web Development, and Machine Learning. Seeking an entry-level software or AI role to build scalable, data-driven applications and contribute to innovative technology solutions.

## EDUCATION

**B.Tech in Computer Science & Engineering** — TOMS College of Engineering (2022–2026)

Senior Secondary (XII), CBSE — Jawahar Navodaya Vidyalaya, Pathanamthitta (2022) | 70%

Secondary (X), CBSE — Jawahar Navodaya Vidyalaya, Pathanamthitta (2020) | 84%

## TECHNICAL SKILLS

**Programming:** Python, Java, HTML, CSS, JavaScript, jQuery

**Frameworks & Tools:** TensorFlow, OpenCV, Flask, Git

**Databases:** MySQL, MongoDB

**Core Concepts:** Machine Learning, Artificial Intelligence, Data Structures, Web Development

## ACADEMIC & PERSONAL PROJECTS

### Heart Disease Prediction

Developed a machine learning model to predict heart disease risk using clinical parameters. Performed data preprocessing, feature selection, and trained classification models to achieve reliable prediction accuracy.

### Student Score Prediction

Built a regression-based ML system to predict student academic performance based on study hours and related features. Implemented data analysis, model training, and performance evaluation using Python and scikit-learn.

### Fake News Detection

Designed an NLP-based text classification system to identify fake news articles. Applied text preprocessing, TF-IDF vectorization, and machine learning classifiers to improve detection accuracy.

### Netflix Clone Web Application

Developed a responsive Netflix-style web application using HTML, CSS, and JavaScript. Implemented modern UI design, dynamic content rendering, and user-friendly navigation.

### Sign Language Recognition and Translation

Created a real-time sign language recognition system using CNNs, OpenCV, and TensorFlow to convert gestures into text and speech, enhancing accessibility for hearing-impaired users.

## INTERNSHIP EXPERIENCE

**AI Intern** — Corizo Edutech Pvt. Ltd., Bengaluru (Aug 2025 – Sep 2025)

- Assisted in developing and training machine learning models for real-world use cases.
- Performed data preprocessing, feature engineering, and model evaluation using Python and TensorFlow.
- Collaborated with team members to deliver AI-based automation solutions.

## SOFT SKILLS

Problem Solving, Communication, Team Collaboration, Time Management, Leadership, Adaptability, Critical Thinking