

THARANI KRISHNA AM

AN ASPIRING INFORMATION
TECHNOLOGY STUDENT



<https://github.com/tharani-krishna>



8778304257



tharanikrishna2006@gmail.com



<https://www.linkedin.com/in/tharani-krishna-sns/>

CAREER OBJECTIVE

Aspiring AI/ML Engineer with hands-on experience in Generative AI, automation, and intelligent system design. Seeking to contribute to innovative projects at Real time, leveraging strong Python, NLP, and deep learning skills to build scalable AI-driven solutions

EXPERIENCE

RETECH SOLUTIONS

- Gen AI Intern
- Worked on prompt engineering and AI automation workflows using OpenAI.
- Created intelligent chatbot systems for customer support tasks.
- Integrated low-code tools for real-time interaction pipelines.

WEBGEN

- Web Development Intern
- Designed responsive front-end interfaces using HTML, CSS, and JavaScript.
- Contributed to deployment and cross-browser testing of websites.

INTERNPE

- Software Development Intern
- Assisted in developing Python-based solutions for data handling.
- Gained experience in version control, API handling, and UI basics.

EDUCATION

SNS COLLEGE OF ENGINEERING, Coimbatore [2023 – 2027]

B.tech (Information Technology)

CERTIFICATION

- *AWS Global Certification – Generative AI & Blockchain Essentials.*
- *10+ Courses on PrepInsta – DSA, Programming, and Aptitude.*
- *5+ Courses on Cursa – AI Tools, Cloud Basics.*
- *Databricks – Data Engineering, Machine Learning & GenAI Fundamentals (5+ Courses)*

SKILLS

- **Programming Languages:** Python (Intermediate), Java (Basic), C, C++.
- **AI Tools:** n8n, Streamlit, Agentic AI, OpenAI, Figma, Canva.
- **Data Analysis Tools:** SQL, Excel, Data Visualization.
- **Soft Skills:** Communication, Team Collaboration, Problem Solving.
- **Others:** Microsoft Word (Advanced), PowerPoint (Expert).

PROJECTS

MINI PROJECTS:

- **Dietary Map:** An application that helps in maintaining diet plans for patients. [2023]
- **Weather Sensor:** An IoT-based sensor integrated with low-code technology to identify temperature and humidity levels. [2024]
- **Agri Doctor:** An AI-powered crop health and recommendation system that detects plant diseases and suggests suitable treatments. [2025]

STREAMLIT PROJECTS:

- **AI Chatbot Assistant** – Built a conversational chatbot using Streamlit and OpenAI API for real-time query responses.
- **Image Caption Generator** – Generated natural language captions for uploaded images using CNN-LSTM deep learning models.
- **Resume Analyzer** – Analyzed resumes using NLP to evaluate skills, keywords, and ATS compatibility.
- **Music Genre Classifier** – Predicted music genres from uploaded audio files using machine learning on MFCC features.
- **Disease Prediction App** – Predicted health risks like diabetes or heart disease from user input using ML models.
- **Stock Price Predictor** – Forecasted future stock prices with LSTM models and visualized results on Streamlit.
- **Sentiment Analysis Dashboard** – Performed sentiment classification on user text or tweets using transformer models.
- **Face Emotion Detector** – Detected and classified facial emotions in images or webcam feed using deep learning.
- **Real Estate Price Predictor** – Predicted housing prices based on area, location, and amenities using regression models.
- **AI Text Summarizer** – Summarized long-form content or articles into concise text using NLP transformer models.