

# THARANI KRISHNA AM

AN ASPIRING INFORMATION  
TECHNOLOGY STUDENT



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



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## CAREER OBJECTIVE



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

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.*