

# Ragul T

8838868452 | [tragulragul@gmail.com](mailto:tragulragul@gmail.com) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

---

With a passion for AI exploration and a strong academic background in software development, I'm eager to contribute to the industry as a software developer through research and projects.

## INTERNSHIP

---

**ML Internship, Cognifyz Technologies, Hyderabad(remote), India**

**Mar 2024 - Apr 2024**

Utilized Python, Scikit-learn, and Pandas for model building and data analysis, including restaurant ratings prediction, location analysis, recommendations, and cuisine classification.

**ML Internship, The Reciprocal Solution, coimbatore, India**

**Jun 2024 - Sep 2024**

Deployed ML models using Flask, performed API testing with Postman, and gained experience in PyTorch, computer vision, OCR, multi-object tracking, and Docker-based deployment.

## EDUCATION

---

**SNS College of Technology, Coimbatore, India - B.Tech, AIML - GPA:8.4 (up to V Sem)** **2022 - Present**

**DSM Hr Sec School , Perambalur, India**

**2019 - 2022**

*Higher Secondary - 85%*

*SSLC - 95%*

## PROJECTS

---

**IMP AI - Imputation tool, [Link](#)**

**Sep 2024 - Feb 2024**

Created and launched an AI-driven imputation tool missing data imputation.

**NANOTRACK, [Link](#)**

**Jul 2024 - Present**

Developed and published a lightweight Python library for real-time object detection and tracking.

**Animal Detection in Farmland, [Link](#)**

**Sep 2023 - Feb 2024**

Built a system to detect and alert animal intrusion on farmland.

**Smart Face Attendance System, [Link](#)**

**Aug 2024 - Dec 2024**

Developed a face recognition-based attendance system to reduce proxy attendance.

**SicMundus LLM - Fine-Tuned Language Model, [Link](#)**

Fine-tuned Llama-3.2-1B-Instruct using LoRA and PEFT on a curated Tamil Nadu 10th Standard Social Science dataset to enhance instruction-following and historical question answering, with 4-bit quantization for optimal inference efficiency.

## SKILLS

---

**Programming Languages** : Python, SQL, C, R

**ML & AI Tools** : OpenCV, PyTorch, Scikit-learn, Generative AI

**Web Technologies** : HTML, CSS, Flask, FastAPI

**DevOps Tools** : Docker, GitHub

**Database** : SQL, PostgreSQL, SQLite

**Other Tools** : VS Code, Pycharm, Figma, Postman

**Data Analytics** : numpy, pandas, Matplotlib, Seaborn

**Interests** : LLM, Computer Vision, Machine Learning & Deep Learning

**Languages** : English, Tamil

## CERTIFICATIONS

---

**SQL - Infosys Springboard**

**DBMS - Infosys Springboard**