

RAGUL T

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CAREER OBJECTIVE

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.

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech(AI ML)	SNS College of Technology, Coimbatore	8.22(up to IV Sem)	2022-2026
Higher Secondary	DSM Hr Sec School , Trichy	85%	2022
Secondary	DSM Hr Sec School , Trichy	95%	2020

PROJECTS

- **NANOTRACK** (<https://pypi.org/project/nanotrack/>):
Developed and published a lightweight Python library for real-time object detection and tracking.
- **IMP AI - Imputation tool**(<https://spicy-audrie-pinnacle-9d1cb737.koyeb.app/>):
Created and launched an AI-driven imputation tool missing data imputation
- **Animal Detection in Farmland:**
Built a system to detect and alert animal intrusion on farmland.
- **Smart Face Attendance System:**
Developed a face recognition-based attendance system to reduce proxy attendance.

INTERNSHIP

- **Machine Learning Internship at Cognifyz Technologies (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.
- **Machine Learning Internship at The Reciprocal Solution (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.

TECHNICAL SKILLS

- **Intermediate:** Python, HTML, CSS, OpenCV, Docker, GitHub, Figma.
- **Basic:** SQL, C, R, Generative AI, PyTorch.
- **Frameworks:** Flask, Gradio.
- **Tools:** VS Code, PyCharm, Postman, Scikit-learn.

AREA OF INTEREST

- Machine Learning & Deep Learning.
- Computer Vision.
- Web Development

CERTIFICATIONS

- **DBMS** - INFOSYS Springboard.
- **SQL** - INFOSYS Springboard.
- **GENAI Introduction** – Skillible, Accredited by AICTE.

LANGUAGE

- TAMIL
- ENGLISH