Ragul T

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SUMMARY

I'm passionate about AI and enjoy building software projects that solve real-world problems. I'm eager to grow as a software developer and contribute to the industry through hands-on projects and research.

INTERNSHIP

ML Internship, Cognifyz Technologies, Hyderabad(remote), India　　**Mar - 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 - 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　　*- Higher Secondary - 85%*　　**2019 - 2022**

- SSLC - 95%

PROJECTS

QuickPrep - AI quiz Generator tool, Link　　**Mar 2025 - Present**

Developed and launched an AI-powered quiz generator tool for students, teachers, and job seekers to generate topic-based quizzes with real-time evaluation and analytics.

WebAgent - AI Powered Website Builder, Link　　**Apr 2025 - Jun 2025**

Built an AI-driven website builder that generates complete websites from user prompts, supporting responsive design and live editing.

IMP AI -Data Imputation tool, Link　　**Sep 2024 - Feb 2025**

Developed and launched an AI-driven imputation tool for handling missing data using statistical and ML-based methods.

NANOTRACK - MOT Python Library, Link　　**Jul 2024 -   Present**

Developed and published a lightweight Python library for real-time object detection and tracking optimized for low-resource environments; achieved 5000+ downloads.

Smart Face Attendance System, Link　　**Aug 2024 - Dec 2024**

Developed a face recognition-based attendance system to eliminate proxy attendance in schools and offices using OpenCV and real-time facial embeddings.

Animal Detection in Farmland, Link　　**Sep 2023 - Feb 2024**

Built a computer vision-based system using OpenCV and MobileNet SSD to detect animal intrusion on farmland and alert the owner via siren and Twilio SMS.

SKILLS

Programming Languages	: Python, SQL, C
ML & AI Tools	: Scikit-learn, OpenCV, PyTorch, Gen AI, Transformers, Langchain, OpenRouter
Web Technologies	: FastAPI, Flask , HTML/CSS, React and JavaScript(Beginner level)
DevOps Tools	: GitHub, Docker, Git
Database	: SQL, PostgreSQL,SQLite
Other Tools	: VS Code, Pycharm, Figma, Postman
Data Analytics	: Numpy, Pandas, Matplotlib, Seaborn ,R
Interests	: LLM, Computer Vision, Machine Learning & Deep Learning
Languages	: English, Tamil

CERTIFICATIONS

SQL　**-** Infosys Springboard
DBMS　**-** Infosys Springboard
GENAI Introduction - Skillible , Accredited by AICTE