Ragul T

Python Developer

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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

Machine Learning 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.

Machine Learning 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, Coimbatore, India - *B.Tech, AIML - GPA: 8.22(up to IV Sem)*   **Jan 2022 - Present**

DSM Hr Sec School , Trichy, Tiruchirappalli, India - *Higher Secondary, Higher Secondary Certificate - GPA: 85%*

DSM Hr Sec School , Trichy, Tiruchirappalli, India - *Secondary, Secondary Education - GPA: 95%*

PROJECTS

NANOTRACK, Link

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

IMP AI - Imputation tool, Link

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

Animal Detection in Farmland, Link

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

Smart Face Attendance System, Link

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

SKILLS

Programming Languages	: Python, SQL, C, R
Web Technologies	: HTML, CSS
Machine Learning	: OpenCV, PyTorch, Scikit-learn
Development Tools	: Docker, GitHub, VS Code, PyCharm, Postman
Design Tools	: Figma