

Kashetty Sai Kiran

Software Developer — AI & ML Enthusiast

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OBJECTIVE

Innovative **B.Tech (CSM)** student with a strong foundation in **Python, C++, and AI/ML**. Passionate about building autonomous systems and solving real-world problems. Seeking a **Software Developer Internship** to apply skills in **Data Structures, OOPs, and Computer Vision**. Bringing unique experience in **OSINT** and a proven track record of **leadership** as NSS President.

EDUCATION

Marri Laxman Reddy Institute of Technology and Management

B.Tech in Computer Science & Engineering (AI & ML)

Expected Graduation: 2028

Hyderabad

CGPA: 8.08

Rajiv Gandhi University of Knowledge and Technologies

Pre-University Course (PUC)

Basar

CGPA: 6.0

TECHNICAL SKILLS

- **Languages:** Python, C, C++, SQL
- **Core Concepts:** Data Structures & Algorithms (DSA), OOPs, Operating Systems, DBMS
- **Specialized Skills:** OSINT (Open Source Intelligence), Digital Investigation
- **Libraries & AI:** YOLOv8, OpenCV (Basic), Pandas, NumPy
- **Tools:** PowerBI, MS Excel, AutoCAD, Fusion 360, VS Code

LEADERSHIP EXPERIENCE

NSS President

MLRITM Unit

- Led a unit of volunteers to organize large-scale community service events (e.g., 56th NSS Day), managing logistics and coordinating with college administration.

Vice-President

Youth Parliament (MLRITM)

- Facilitated parliamentary sessions, guided delegates on policy discussion, and demonstrated strong public speaking and conflict resolution skills.

ACADEMIC PROJECTS

TRIC: Trinetra Rapid Interception Command

Software Prototype (Python, YOLOv8)

- Developed a **software simulation pipeline** for a multi-layered border surveillance system.
- Integrated **YOLOv8** for real-time visual classification (Human vs. Animal), filtering false alarms.
- Designed logic for a "Deadhand" autonomous engagement protocol to neutralize threats if operators are unavailable.

archAIya: AI-Powered Archaeological Analysis

Conceptual Design

- **Conceptualized** a portable system integrating a scanner unit (YUGMA) and AI engine (SARTHI).
- Proposed a workflow to predict material relevance and age confidence scores to prioritize samples[cite: 165, 169].
- Designed logic to suggest dating methods (TL, OSL) based on material texture analysis[cite: 121, 163].

ACHIEVEMENTS & AWARDS

- **EloqVent 2k24 Runner-up:** Recognized for excellence in elocution and public speaking.
- **Tech-Talks Winner:** Secured 1st place in multiple technical presentation competitions.
- **Literary Winner:** Won poetry and story writing competitions ("Literreise" Club).
- **OSINT Practitioner:** Active contributor and experienced agent in Indian OSINT communities.