

PROFILE

Venkata Lakshmi Durga Ragola

Lecturer, Dept. of Computer Science

Qualification: Master of Computer Applications

Experience: Fresher

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ACADEMIC PROFILE

Qualification	Name of the Institution	Year	CGPA
MCA	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	2023-25	9.28
B.sc MSCs	Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada	2020-23	8.55
Intermediate	Sri Chaitanya Junior College, Vijayawada	2018-20	9.92
SSC	Bezwada Raja Rao High School, Vijayawada	2017-18	10

CERTIFICATIONS

- Java from UdeMy
- NPTEL online certification on Introduction on Internet of Things (IOT)
- Salesforce Administrator from SmartInternz

PAPER PRESENTATIONS

- **TalkSign: Two-way Communication System with the Deaf Community** – Presented at PICS-2025 (yet to be published).
- **Document Insight Generation System** – Presented at ICMICT-2025 (yet to be published).

ACHIEVEMENT

- Prathibha APUSMA Award, SSC 2018.

SUBJECTS HANDLING

- Object-oriented Software Engineering
- Machine Learning and Deep Learning using Scikit-learn, Keras and Tensorflow

POSITIONS HELD

- IQAC Committee- member, SDMSMK

PROJECTS

- **TalkSign: Two-way Communication System with the Deaf Community** – Developed an Indian Sign Language interpretation system with real-time gesture recognition and audio-to-sign translation.
- **Document Insight Generation System** – Developed a Python-based system using SpaCy for entity recognition and automated document summaries.
- **Bank Loan Marketing Using Python and Machine Learning** – Developed a logistic regression model (94% accuracy) to identify potential loan customers; data analysis and visualization with Power BI.