

LAKSHMI M ACHAR

ASSISTANT PROFESSOR | AI & DATA SCIENCE CONSULTANT | GENERATIVE AI & ETHICAL AI RESEARCHER

CONTACT

📞 9535772190

✉️ lakshmimachar60@gmail.com

LinkedIn:
www.linkedin.com/in/lakshmi-m-achar-b5a032212

GitHub:
https://github.com/Lakshmi0002

SKILLS

- **Programming & Data:** Python, SQL, NumPy, Pandas, Sklearn, TensorFlow
- **Statistics:** Descriptive, Inferential, Hypothesis Testing.
- **ML Lifecycle:** Data preprocessing, EDA, model training, evaluation, inference.
- **Deep learning:** Neural networks, Computer Vision, NLP, and Time Series.
- **Gen AI / LLM's:** Encoder, Decoder, Transformer.
- **Databases & Tools:** MySQL, MongoDB, Power BI, Tableau, Git, Jupyter, Colab.
- **Frame-Works :** Flask, Streamlit.

EDUCATION

Master of Technology (M.tech)
(Expected Jun 2026)
RV University, Bengaluru

LANGUAGES

English Kannada Telugu



PROFESSIONAL SUMMARY

Assistant Professor and AI & Data Science Consultant with strong expertise in Machine Learning, Deep Learning, Computer Vision, and Generative AI. Experienced in building end-to-end AI pipelines, working with CNNs, transformers, and LLMs, and conducting applied research in bias detection and ethical AI. Proven academic leader and industry practitioner with experience delivering real-world AI solutions and training 1,000+ professionals across academia and industry.



WORK EXPERIENCE

ST. CLARET COLLEGE (AUTONOMOUS) AUG-2025 TO PRESENT
Assistant Professor & Chairperson – AIML

- Leading the AIML department as Chairperson, overseeing curriculum design, academic planning, and departmental strategy.
- Actively involved in research on Generative AI, LLMs, bias detection, and ethical AI.
- Guiding student projects focused on applied AI problem-solving and research methodologies.

SKILLFLOOR SOLUTIONS - Bengaluru, India 2023 - 2025
Consultant – AI & Data Science SME

- Designed, trained, and fine-tuned AI and deep learning models for real-world applications.
- Built computer vision pipelines for facial expression recognition as part of mental health analysis systems.
- Delivered corporate training programs, FDPs, and workshops; trained 1,000+ professionals.



PROJECTS & RESEARCH

1. Mental Health Analysis using Computer Vision & EEG
 - Developed AI models combining facial expression recognition and EEG signal analysis.
2. Bias Detection and Mitigation in LLM-Based Systems
 - Focused on ethical, fair, and inclusive AI for adaptive learning platforms.

CONFERENCE PRESENTATION

“Towards Fair and Inclusive AI Education: A Review of Bias in LLM-Based Adaptive Learning Systems”

2nd International Conference on Electronic and Photonic Integrated Circuits
SRM University–AP, Andhra Pradesh, India