

# THUGUTLA KRISHNA REDDY

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## PROFESSIONAL EXPERIENCE

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### Internship

04/2025 – present

AI/ML Developer at MANVIAN GROUP

As an AI/ML Developer Intern, I contributed to designing and deploying machine learning models using Python. My work involved data preprocessing, model training with scikit-learn and TensorFlow, and building interactive web apps using Flask and Streamlit for real-time predictions. This role provided hands-on experience in developing end-to-end AI solutions and integrating them into user-friendly interfaces.

## EDUCATION

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### Bachelor of Technology in CSE-AI

04/2021 – 05/2025

DR.MGR EDUCATONAL AND RESEARCH INSTITUTE

Chennai, India

CGPA: 8.54

## PROJECTS

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### Predict Migration Using Machine Learning

**Description:** Developed a machine learning model to predict migration patterns based on various socio-economic, environmental, and demographic factors. The project involved data collection, preprocessing, feature engineering, and applying predictive models such as Decision Trees, Random Forest, and Neural Networks.

### Organic picky chatbot using python and Machine Learning

**Description:** Developed an intelligent AI-powered chatbot for Mommy Forms, an online platform offering organic ingredients and provisions. Built using Python, machine learning, and Groq, the chatbot helps users easily explore products, get instant ingredient suggestions, and enhance their shopping experience with personalized recommendations.

### Description Generator using Python

**Description:** AI-Based Description Generator

I developed an AI-powered description generator using Python for the Opptiverse platform. It automatically generates engaging descriptions for user-submitted posts, making it easier for recruiters, students, and job seekers to share opportunities and content effectively.

## SKILLS

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### Programming Languages:

PYTHON, AI&ML

### Technologies:

HTML, SQL, PowerBi

### Frameworks

Streamlit, Flask

### Soft Skills

Communication skills, Problems Solving, Time Management, Analytical Thinking, Reasoning

## CERTIFICATES

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- Certified by IGEN TALK4SDG.
- Certified by Red Hat

## LEADERSHIP

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- Organized and compared to the MGR ENSAV-Enesta Induction Program.
- Organized and compared to the IEI (Institution of Engineers) induction program in Dr.MGR University.
- Participated in IGEN Green Day Event and Witnessed the ISRO Rocket launch on IGEN Green Day.
- Organized and compared to the pitch presentation on the sustainable development goals- The role of Engineers.