

Golla RangaSwamy

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[Github](#) | [Linkdin](#)

CAREER OBJECTIVE

Motivated Web Developer and Machine Learning Enthusiast with practical experience in front-end technologies like HTML, CSS, JavaScript, and API integration. Familiar with supervised ML algorithms and actively advancing skills in machine learning to solve real-world challenges. Eager to contribute to innovative projects while delivering user-focused and data-driven solutions.

EDUCATION

B. Tech, Computer Science & Engineering 2022 - 2026

G. Pulla Reddy Engineering College, Kurnool

Percentage: 90.00%

Senior Secondary (XII), BIEAP 2020 - 2022

Narayana Junior College

Percentage: 93.00%

Secondary (X)

The Board Of Secondary Education, Andhra Pradesh (BSEAP) 2020

Vignan English Medium High School

Percentage: 94.00%

PROJECTS

Kisan Marg – Agricultural Information Portal

Jan 2025

Kisan Marg is a web platform designed to assist farmers by providing real-time crop price updates, educational tutorials, and information on advanced agricultural technologies. It also features a Problem & Solution section to address common farming challenges.

NEET Exam Practice Website

Feb 2025 - Present

A simple yet effective NEET exam practice platform designed to help my sister in her preparation. The website features:

- Multiple-choice questions (MCQs) fetched via a custom JSON-based API
- Real-time answer validation with color highlights for correct (green) and incorrect (red) responses
- Scoring system to track performance
- 7-day result history presented in tabular and graphical formats

Future Scope:

Helmet Detection using Computer Vision

Oct 2024 - Dec 2024

An academic project developed under the guidance of Dr. Abid Khan, focusing on helmet detection for road safety compliance using Computer Vision, OpenCV, YOLOv11, and Roboflow. Key features include:

- Real-time helmet detection from video feeds.
- YOLOv11-based object detection for accuracy.
- Roboflow for dataset preprocessing and training.
- OpenCV for image processing and visualization.

Lakshmi Constructions – Company Website

Mar 2025 - Present

The official website for Lakshmi Constructions, a company with over 15 years of experience in government projects across Kurnool district, Andhra Pradesh. The website includes:

- About Us – Overview of the company's expertise and services.
- Our Projects – Showcase of completed and ongoing construction projects.
- Testimonials – Feedback from clients and stakeholders.
- Contact Us – Easy access for inquiries and business communication.

SKILLS

- **Web Development:** HTML, CSS, JavaScript, Responsive Design, API Integration, AJAX, jQuery
- **Machine Learning:** Supervised Learning Algorithms, Model Evaluation, Data Preprocessing
- **Programming Languages:** Java, Python (Basic)
- **Tools & Technologies:** Git & GitHub, OpenCV, Roboflow, Bootstrap
- **Databases:** MySQL (Basic)
- **Soft Skills:** Problem-Solving, Adaptability, Team Collaboration, Communication

Certifications

- Java Training Certification – Spoken Tutorial
- HTML Training Certification – Spoken Tutorial
- Python for Data Science – IBM
- Python Beginner Concepts –Codio
- Python Intermediate Concepts – Codio
- Introduction to Machine Learning – Infosys Springboard

Volunteer Experience

Community Service Project – Rainwater Harvesting Awareness

Conducted surveys and door-to-door campaigns in **Venkatapuram Colony, Yemmiganur**, educating residents on rainwater harvesting and water conservation. Collected and analyzed data to assess water usage and promote sustainable practices.

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