

# KARUMURI LAKSHMANA SAI

## Python Developer

📞 9398175790    @ lakshmanasai.karumuri2k22@gmail.com    🔗 <https://www.linkedin.com/in/lakshmana-sai-karumuri-816538265/>  
🔗 <https://github.com/lakshmanasai5421>    📍 Lingala,Andhra Pradesh

## SUMMARY

Pursuing Final-year B.Tech in Artificial Intelligence and Data Science with strong foundation in data analysis, machine learning, and statistical modeling. Proficient in Python, R, SQL, and advanced data visualization tools like Matplotlib. Experienced in using data analytics to uncover trends, generate insights, and support data-driven decision-making through internships and academic projects. Skilled in exploratory data analysis, data preprocessing, and working with large datasets.

## EXPERIENCE

### Artificial Intelligence internship

#### Coincent

📅 07/2023 - 08/2023

- In this internship, I worked on projects involving **landmark detection** and **news classification**. My main tasks included,Developing and optimizing **machine learning models** using **TensorFlow** to improve prediction accuracy.Cleaning and analyzing datasets to ensure high-quality inputs for the models.

### Front-End Development (Angular)

#### vmtspharmasoftware

📅 06/2024 - 07/2024    📍 Hyderābād, India

- In this internship, I worked on developing and enhancing the Tour of Heroes application using Angular. I implemented features like user authentication with Angular services and guards to ensure secure login and navigation. I also designed responsive UI components, tested them for better user experience, and debugged application issues.

### Python Developer

#### Plumsoft

📅 01/2025 - Currently Working    📍 Hyderābād, India

- As a **Python Developer Intern** at **Plumsoft**, I design and integrate robust APIs using **Flask** and **PHP**, ensuring seamless functionality and high-performance backend systems. With a focus on security, efficiency, and innovation, I optimize API workflows and troubleshoot issues to enhance overall system reliability.

## EDUCATION

### BTech in Artificial Intelligence and Data Science

#### VKR VNB & AGK COLLEGE OF ENGINEERING

📅 2021 - 2025    📍 Gudivada,Andhra Pradesh

### Intermediate (12th Grade)

#### VR COLLEGE

📅 2019 - 2021    📍 Mudinepalli,Andhra Pradesh

### Secondary Education

#### ZPHS School

📅 2019    📍 Lingala,Andhra Pradesh

## SKILLS

|               |         |                  |
|---------------|---------|------------------|
| Python        | R       | Machine Learning |
| SQL           | Java    | Data Cleaning    |
| PowerBI       | Angular | EDA              |
| Advance Excel | ETL     | PHP              |

## KEY ACHIEVEMENTS

**Startup Idea Presentation in VR Siddhartha Engineering College**

**Second price in technical quiz**

**Participated in a Hackathon at PSCMR College of Engineering.**

## PROJECTS

### Smart Stock Predictions with ML

🔗 <https://github.com/lakshmanasai5421/Smart-Stock-Predictions-with-ML>

Developed an ML-driven stock and sales prediction system using ARIMA, LSTM, and Linear Regression, with data preprocessing, feature engineering, and model training for accuracy. Built an interactive Flask-based web app for real-time stock trends and sales forecasting.

### OCR Based Text Extraction API Using-Flask

🔗 <https://lnkd.in/g/y9nuWRt>

This project offers a **Flask-based OCR API** for text extraction from images and PDFs, integrated with a **PHP client** for uploads.

### Zomato Data Analysis

🔗 <https://lnkd.in/g/XP4HnGg>

In this project, I analyzed Zomato restaurant data through **Exploratory Data Analysis (EDA)** to uncover insights on restaurant types, ratings, online ordering trends, and cost distributions. I applied data cleaning techniques and visualized key trends using **Seaborn** and **Matplotlib**.