




# KARUMURI LAKSHMANA SAI

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## OBJECTIVE

**Data Science and Python Developer enthusiast with a B.Tech in AI and Data Science.** I have real-world experience building RESTful APIs, working with Flask, and developing ML models using tools like Python, SQL, Pandas, and TensorFlow. Skilled in EDA, back-end logic, and turning raw data into meaningful insights. I thrive in agile teams and enjoy solving practical problems. I am now looking for a full-time opportunity to grow and contribute to impactful data-driven projects.

## EXPERIENCE

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| <b>Data Science Trainee</b><br><i>Dr Reddy Tech Foundation</i>   | May 2025 – Present  |
| <ul style="list-style-type: none"><li>- Currently enrolled in a 3-month training program focused on Python, data analysis, machine learning algorithms, and data visualization.</li><li>- Gaining practical experience through hands-on tasks and projects using Pandas, Scikit-learn, and Matplotlib.</li></ul> |                     |
| <b>Python Developer Intern</b><br><i>Plumsoft</i>  | Jan 2025 – May 2025 |
| <ul style="list-style-type: none"><li>- Worked on building and maintaining backend logic using Flask and PHP.</li><li>- Assisted with backend development, code testing, and debugging.</li></ul>  |                     |
| <b>Frontend Intern (Angular)</b><br><i>VMTS Pharma Software</i>  | Jun 2024 – Jul 2024 |
| <ul style="list-style-type: none"><li>- Contributed to the Tour of Heroes app with new components and layout fixes.</li><li>- Implemented angular services, guards, and routing features to enhance app navigation.</li></ul>  |                     |
| <b>AI Intern</b><br><i>Coincent AI</i>   | Jul 2023 – Aug 2023 |
| <ul style="list-style-type: none"><li>- Worked on image and text classification projects using TensorFlow.</li><li>- Focused on data cleaning, model building, and improving accuracy through experimentation.</li></ul>   |                     |


## EDUCATION

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| <b>BTech in Artificial Intelligence and Data Science</b><br>VKR VNB & AGK College of Engineering, Gudivada, Andhra Pradesh | 2021 – 2025 |
| <b>Board Of Intermediate Education, Andhra Pradesh (Class XII)</b><br>VR College, Mudinepalli, Andhra Pradesh              | 2019 – 2021 |
| <b>Board Of Secondary Education, Andhra Pradesh</b><br>ZPHS School, Lingala, Andhra Pradesh                                | 2019        |

## SKILLS

**Languages:** Python, SQL, R, Java, PHP  
**Tools & Libraries:** Flask, Angular, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn  
**Other Skills:** EDA, Data Cleaning, Basic Web Development, ML Basics, Git

## PROJECTS

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|--|---|
| <b>Smart Stock Predictions with ML</b><br>A machine learning-based web application that predicts stock trends and demand using multiple models.<br><b>Tools:</b> Python, Flask, ARIMA, LSTM, Linear Regression, Matplotlib, Pandas<br><ul style="list-style-type: none"><li>- Designed forecasting models to analyze and predict sales patterns.</li><li>- Built backend with Flask and visualized data trends using interactive charts.</li></ul> |  |
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## OCR Text Extraction API

Built a Flask API that extracts text from uploaded image and PDF files.

**Tools:** Python, Flask, Tesseract OCR, OpenCV, PHP

- Created a RESTful API to process files and extract content.
- Integrated with a PHP frontend for image upload and result visualization.



## Zomato Data Analysis

Analyzed restaurant data from Zomato to uncover patterns and customer preferences.

**Tools:** Python, Pandas, Matplotlib, Seaborn

- Explored features like online ordering, location popularity, and cost-to-rating ratio.
- Presented key insights visually using graphs and charts.



## Fake News Identification

A machine learning model to detect misleading or fake news articles based on text content.

**Tools:** Python, Pandas, Scikit-learn, TF-IDF, Logistic Regression, NLP

- Preprocessed textual data and applied vectorization techniques.
- Trained multiple classifiers and evaluated model accuracy for real vs. fake prediction.



## ACHIEVEMENTS

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- Participated in Tata Imagination Challenge 2024 – Student Track
- Secured 2nd place in Technical Quiz at VR Siddhartha Engineering College
- Participated in Hackathon at PSCMR College of Engineering

## CERTIFICATIONS

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- Tata Imagination Challenge 2024 – Student Track, Tata Group
- Master Class on Data Science Using Python A-Z for ML, Udemy
- Introduction to Generative AI, Coursera