

Sri Satyanjali Mutyala

West Godavari District, Andhra Pradesh • srisatyanjalimutyala.03@gmail.com • 95151351259 • [linkedin.com/in/mutyala-sri-satyanjali](https://www.linkedin.com/in/mutyala-sri-satyanjali)

Data science professional skilled in Python, SQL, and machine learning. Experienced in transforming data into actionable insights and solving complex problems through advanced analysis. Adept at statistical techniques and data-driven decision-making. Eager to apply my analytical skills and technical knowledge for impactful contributions.

EDUCATION

MSc. Data Science

Sep 2024 - Present

Vellore Institute of Technology, Amaravati

I am pursuing an MSc. in Data Science at Vellore Institute of Technology, focusing on data sets, machine learning, and analytical techniques.

My coursework and projects emphasize algorithms, statistical analysis, and data-driven decision-making..

BSc. Data Science

Jun 2021 - Mar 2024

Aditya Degree College, Palakol

GPA: 8.04

I completed my BSc. in Data Science, gaining a solid foundation in data analysis, programming, and machine learning. This program equipped me with essential skills in data management, statistical analysis, and problem-solving.

Board of Intermediate Education

Jun 2019 - Mar 2021

Sasi Junior College, Palakol

GPA: 91%

Secondary School Education

Jun 2018 - Mar 2019

Bhashyam Public School

GPA: 97%

WORK EXPERIENCE

Krify Software Technologies Pvt. Ltd., (Jan 2025 – Present)

AI/ML Intern | (Python, Pandas, NumPy, Scikit-learn, Machine Learning)

- Working on machine learning models using Python.
- Performing data preprocessing, EDA, and feature engineering.
- Implementing supervised learning algorithms for prediction tasks.
- Evaluating models using accuracy, precision, recall, and F1-score.

PROJECTS

Personalized News Recommendation System

Feb 2025 - Apr 2025

- Developed a Python-Flask web app for personalized news recommendations using user preferences and search history.
- Integrated web crawling (Scrapy/BeautifulSoup) for real-time updates and built a query-driven search module.
- Designed a RESTful API with SQLite/PostgreSQL for data storage and an intuitive HTML/CSS frontend for seamless interaction.

House Price Prediction

Oct 2024 - Dec 2024

- Developed a machine learning model to predict house prices based on various features such as location, size, and amenities.
- Conducted data cleaning, exploratory data analysis, and feature engineering to prepare the dataset.
- Implemented multiple regression models and evaluated performance using metrics like Mean Absolute Error (MAE) and Root Mean Squared Error (RMSE).
- Improved the model's accuracy through hyperparameter tuning and cross-validation.

RESEARCH PROJECTS

Ensemble Deep Learning for Heart Disease Prediction

- Built **CNN, BiLSTM, and Hybrid CNN-BiLSTM models** on clinical tabular data.
- Implemented a **stacked XGBoost ensemble**, achieving **97.2% accuracy, 98.0% recall, ROC-AUC 0.996**.
- Minimized **false negatives** to support **early and reliable medical diagnosis**

SKILLS

Programming Languages: Python, SQL, R

Database Management: MySQL, Excel, MS word

Data Science & Analytical Tools: NumPy, Pandas, Matplotlib, Seaborn, Tableau

Statistic Tools: SciPy, Statsmodels

CERTIFICATIONS

Certificate of completion in Programming Essentials in Python by SCALAR

Certificate of Presentation for Research on “Ensemble Models for Heart Disease Prediction” at Academic International Conference