WOXSEN UNIVERSITY

KOMMINENI SAI SRI LAXMI
B.Tech Data Science and Artificial Intelligence

OBJECTIVES

Pursuing a B.Tech in Data Science and Artificial Intelligence, with a solid foundation in coding, data analysis, and problem-solving. Skilled in Python programming, machine learning, and data visualization. Open to learning across various technology fields and driven to contribute to innovative solutions and organizational goals.

INTERNSHIP

AI Research Intern

CHSS | MCRHRD, Jubliee Hills, Hyderabad | Feb-2024 - June-2024

- Radar, cameras, YOLO models, OpenCV, and ML for identifying small boats near large ships; ensures maritime safety and security.
- Research leveraging machine learning and data synthesis for identifying fraudulent transactions.

Data Science Intern

Exposys Data Lab | Bangalore, India | Dec 2023 - Jan 2024

- Interactive web app using K-means, Plotly, and Python for exploring 3D scatter plots and cluster statistics.
- Machine learning-driven predictions to generate targeted marketing strategies.

PROJECTS

Telangana Weather Forecast

- Predicts district-wise weather in Telangana using XGBoost, Random Forest, and OpenWeather API.
- Streamlit app with data visualization for user-input city forecasts (temperature, precipitation, humidity, wind speed).

Intelligent Saline Bottle Monitoring System

- YOLO-based detection for fluid levels and contamination, automating manual monitoring.
- Streamlit app with image upload for instant saline level and color status analysis using Python and OpenCV.

AI-driven Back Pain Prognosis System for IT workforce

- U-Net and ML-based system predicting back pain among IT professionals to address productivity and health concerns.
- Streamlit interface with real-time data processing for accurate predictions using Python and OpenCV.

Cigarette Smoke Detection

- Gas sensors (MQ-7, MQ-9, MQ-135) for real-time cigarette smoke monitoring to enhance public health and safety.
- C++-powered real-time air quality monitoring with a web interface for smoke detection and alerts.

CERTIFICATES

- Programming for Everybody (Getting Started with Python), [Coursera(2022-08)].
- AI & Development workshop on Data Science, [IIT Hyderabad(2023-01)].
- Data Analysis with Python, [Coursera(2023-03)].
- Data Visualization with Python, [Coursera(2023-03)].
- Databases and SQL for data science with python, [Coursera(2023-04)].
- Programming Foundations with JavaScript, HTML, and CSS, [Coursera(2023-09)].

CONTACT

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- https://github.com/kommineni-sai-sri-laxmi

EDUCATION

- B.Tech in Data Science & AI, Woxsen University, Hyderabad, India (2021 2025), CGPA: 2.9/4.0
- Intermediate (MPC), Narayana Junior College, Vijayawada, India (2019 - 2021), Percentage: 95%
- 10th Standard, Viswa Bharathi High School, Gudivada, India (2018 - 2019), CGPA: 9.7/10

TECHNICAL SKILLS

- Python, SQL, JavaScript, Machine Learning, Natural Language Processing, Deep Learning, HTML, CSS, Data Structures.

TOOLS

- Jupyter notebook, git, Ms word, Excel, PowerBI,

AWARDS

- Best Demonstration Award in OIST Bhopal Hackathon.

LANGUAGES

- English - Intermediate
- Hindi - Intermediate
- Telugu - Native

CO-CIRCULAR ACTIVITIES

- Executive of Green Warriors Community
- Throw ball Player