Contact

+91 9949214669

lokeshkilaru6@gmail.com

https://www.linkedin.com/in/lokesh-kilaru-7b345a222/

Academics

Woxsen University | Hyderabad

2021 - 2025 | **B.Tech- Artificial Intelligence & Data Science**

CGPA : 2.80 / 4.0

Technical Skills

- Python (Pandas, NumPy, Scikit-learn)
- Data Analytics
- ETL & Data Processing: Data Cleaning
- Data Visualization: Matplotlib, Seaborn
- NLP & LLM
- Machine Learning: Supervised & Unsupervised Learning, Feature Engineering, Hyperparameter Optimization
- Deep Learning: PyTorch, Tensorflow, Open CV
- Time-series Analysis

Tools

- MySQL
- Excel

Certifications

- 2023-01 | Python for Data Science - IBM
- 2023-03| Data Analysis with Python 2023-03 | Data Visualization with Python
- 2023-03 | AI For Everyone 2023-07 | Machine Learning with Python (with Honors)
- 2023-08 |Introduction to Deep Learning & Neural Networks with Keras

Lokesh Kilaru

B.TECH- Artificial Intelligence & Data Science

Objective

An aspiring data scientist with a strong foundation in machine learning and deep learning. Passionate about leveraging AI to develop innovative solutions and solve business problems through data analytics. Proficient in Python, machine learning techniques, and data preprocessing, with hands-on experience in applying these skills to real-world projects.

Internships

Data Scientist Intern

LiftLabs | Financial District, Nanakramguda, Hyderabad

Jan-2024 - May-2024

- Conducted comprehensive data analysis to support ongoing research projects.
- Conducted exploratory data analysis (EDA) on complex datasets using Python (Pandas, NumPy, Matplotlib) to identify patterns and trends in financial transactions.
- Utilized statistical and machine learning techniques to derive insights from complex datasets
- Presented data-driven recommendations to senior analysts, improving business decision-making

Projects

Early Stage Cervical Cancer Detection

- Developed and deployed an application using modern ML algorithms for early detection of cervical cancer through pap-smear images.
- Utilized Streamlit for the deployment, providing an accessible interface for medical professionals.

Cloud-Based Machine Learning Deployment

- Created and managed a cloud infrastructure using Kubernetes for deploying pre-trained machine learning models.
- Ensured scalable and efficient deployment, enhancing model accessibility and performance.

Handwriting Detection System

- Developed an OCR model using TensorFlow to convert handwritten text to digital format.
- Processed and analyzed large-scale handwritten text datasets, ensuring data quality and feature extraction.
- Visualized data distribution and accuracy metrics to evaluate OCR model performance.

Optimizing Urban Mobility: Advancing Traffic Prediction and Transportation Analytics in Complex Networks

- Extracted and analyzed traffic patterns from Safe City camera feeds using computer vision techniques (YOLOv8, OpenCV) to classify vehicles and track movements.
- Developed a centroid-based tracker to maintain vehicle continuity across frames, improving tracking accuracy.
- Applied time-series forecasting models (Exponential Smoothing, ARIMA) to predict short-term traffic flow trends, aiding in real-time traffic management and congestion reduction.