Abhishek Narra

Hyderabad, India | +91 70133 49215 | abhisheknarra777@gmail.com

LinkedIn: linkedin.com/in/abhishek-narra-86a93b321 | GitHub: github.com/Abhisheknarra45

PROFESSIONAL SUMMARY

Detail-oriented Data Science graduate with hands-on experience in machine learning, deep learning, and data visualization. Proven track record of building and deploying predictive models and real-time AI applications. Passionate about solving real-world problems with data-driven insights, especially in energy and agriculture domains.

EDUCATION

Mallareddy College of Engineering, Hyderabad

B.Tech in Data Science | 2020 - 2024 | GPA: 70%

Narayana Junior College, Hyderabad

Intermediate (Science) | 2018 - 2020 | Score: 90%

St. Francis Xavier E/M High School, Hyderabad

Secondary School Certificate | 2017 - 2018 | Score: 93%

TECHNICAL SKILLS

- Languages: Python, SQL
- Libraries/Frameworks: Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, Keras, PyTorch, OpenCV
- Tools: Excel (VLOOKUP, HLOOKUP), Power BI (DAX), Git
- Concepts: Machine Learning, Deep Learning, CNNs, Transfer Learning, Statistics, Hypothesis Testing
- Cloud Platforms: AWS, GCP

Abhishek Narra

PROJECTS

Paddy Disease Recognition Using CNN

- Collected and preprocessed a labeled dataset of healthy and diseased rice images using OpenCV and Python.

- Built a CNN model in TensorFlow/Keras with dropout layers and hyperparameter tuning to prevent overfitting.

- Achieved high accuracy in classifying diseases using metrics like precision, recall, and F1-score.

- Deployed the model into a mobile/web interface using TensorFlow Lite for real-time use by farmers.

Energy Consumption Prediction for Electric City Buses

- Aggregated datasets from electric buses including usage, weather, and routes; performed feature engineering.

- Built machine learning models using regression and neural networks to predict energy consumption.

- Evaluated performance using RMSE and MAE, optimizing for operational energy efficiency.

- Deployed the model for real-time use in a cloud-based monitoring system.

CERTIFICATIONS

Advanced Data Science with Python - Nasscom (Gold, 95%)

- Excelled in machine learning, advanced analytics, and statistical modeling using Python.

Data Visualization - Tata Group (Forage Simulation)

- Developed business data visualizations and presented insights for executive decision-making.

PUBLICATIONS

- Data Preparation Techniques for Predictive Modeling of Energy Consumption in Electric Buses, IEEE

Abhishek Narra

Transactions

- Optimizing ML Models for Energy Consumption Prediction, Transportation Research Part D