CHIRIYALA TARUNI

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PROFESSIONAL SUMMARY

Final-year B.Tech student in Computer Science and Engineering (Data Science) at Malla Reddy Institute of Engineering and Technology with a strong foundation in Python, machine learning, and data analytics. Skilled in transforming complex datasets into actionable insights through predictive modeling and visualization. Passionate about leveraging analytical techniques to support data-driven decisions and deliver impactful business outcomes.

EDUCATION

B.Tech CSE-DS, Malla Reddy Institute of Engineering and Technology   2022-2026
GPA: 8.27

Intermediate, Kasturba Gandhi Junior College   2020-2022
GPA: 86.9

SSC, St. Francis Girls High School   2008-2020
GPA: 9.8

PROJECTS

Content Based Image Retrieval using Deep Learning

- Building an system that retrieves images based on the content present in it using deep learning technology. Successfully built a prototype and working on the Projects.

Origin-Destination Passenger Flow Prediction in Metro Systems using Adaptive Feature Fusion Networks (AFFN)

- Developed an Adaptive Feature Fusion Network (AFFN)-based model to predict metro passenger flow using spatial, temporal, and external data.
- Enhanced prediction accuracy and enabled real-time, data-driven planning for efficient metro system management.

Comprehensive Stock Market Analysis And Forecasting Using Python :Trend Prediction Via Deep Learning And Dynamic Visualisation models

- Built a deep learning model in Python to forecast stock market trends with high accuracy.
- Applied LSTM networks and dynamic visualizations for real-time trend analysis.
- Enhanced predictive performance through advanced data preprocessing and feature tuning.

CERTIFICATIONS

Accenture - Data Analytics and Visualization virtual internship focused on data cleaning, modeling, and storytelling using real business scenarios.

IBM - Python for Data Science, AI & Development course, gaining practical skills in Python programming, data handling, and AI application development.

TechArena - Participated in TechArena 2023, an internal hackathon for Smart India Hackathon, showcasing innovative problem-solving and teamwork skills.

Cambridge - Certified in Cambridge English Empower B2 Level by Cambridge University Press & Assessment, demonstrating strong communication and comprehension skills.

- Trained in data analysis, visualization, and analytics fundamentals through Microsoft and LinkedIn's Career Essentials program.

SKILLS

Programming Languages: Python, SQL, R (basic),

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau

Machine Learning: Scikit-learn, TensorFlow, Keras, Regression & Classification Models, Clustering

Other Tools & Platforms: Jupyter Notebook, Excel, GitHub

DECLARATION

I here by declare the above statements are true as per my knowledge and belief.

TARUNI CHIRIYALA

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