Balaji Sri Venkata Mani Dharmendra Grandhi

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Professional Summary

Recent graduate with a Bachelor's degree in AI/ML seeking an Analytics role to apply analytical and technical skills to contribute to data-driven decisions. Strong foundation in data manipulation, visualization, and storytelling. Seeks to learn advanced techniques in a collaborative environment.

Education

Swarnandhra Institute of Engineering & Technology, Seetharamapuram
B.Tech : Artificial Intelligence and Machine Learning, CGPA:7.5 — 2020-2024

SriChandra Jr College, Hyderabad
Intermediate, CGPA:9.5 — 2017-2019

Krishna Veni Talent School, Hyderabad
Secondary Education, CGPA: 8.3 — 2017

Skills

- **Programming Languages:** Python (Intermediate), Core Java , SQL (Intermediate), R (Beginner)
- **Web Technologies:** HTML, CSS, JavaScript (Beginner)
- **Frameworks:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow,
- **Tools:** Excel, Tableau, PowerPoint, MySQL
- **Soft Skills:** Adaptability, Teamwork and Collaboration, Problem-solving,

Professional Experience

Data Science Internship - 360 DigiTMG — **Feb 2024-May 2024**

- Led a team to develop a data-driven medical inventory optimization solution, achieving a 15% decreasing inventory holding costs.
- Analyzed and cleaned over 10,000 rows of historical medical supply data to identify demand patterns.
- Implemented and validated machine learning models (Linear Regression, Time Series Analysis) to forecast demand with an accuracy of 85%.
- Presented findings to senior management, resulting in a 20% increase in data-driven decision-making processes..

Projects

Movie Popularity and Target Audience Prediction Using Content-Based Recommender System Mar2024-June2024

- Led a team to develop a content-based movie recommender system, achieving a 75% accuracy in predicting movie popularity.
- Utilized Natural Language Processing (NLP) techniques like TF-IDF to extract key features from 1,000+ movie descriptions.
- Trained and evaluated machine learning models, including K-Nearest Neighbors (KNN) and Random Forest, improving recommendation precision by 30%.
- Conducted performance analysis and optimization, decreased the system’s processing time by 20%.

Certifications

- **AI-ML Virtual Internship** - AICTE, 2024
- **Data Science & Analytics** - Cisco Networking Academy, 2023
- **Azure Fundamentals** - Microsoft, 2022
- **Python Data Structures** - Coursera, 2022