Dandu Yeshwanth

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EDUCATION

Institute of Aeronautical Engineering, Hyderabad, India *Expected Graduation: April 2026*
B.Tech in Computer Science and Engineering (Data Science) GPA: 7.93/10

J N Govt. Polytechnic, Hyderabad Apr 2023
Diploma in Electrical and Electronics Engineering GPA: 8.41/10

Krishnaveni High School, Peddapalli March 2020
SSC GPA: 10.0/10

TECHNICAL SKILLS

Data Analysis & Modeling: Regression, Classification, Random Forest, Gradient Boosting
Data Engineering: ETL Pipelines (SQL Server), Data Cleaning, Feature Engineering, Unstructured Data Processing
Visualization & Reporting: Power BI, Tableau (Basic), Matplotlib, Seaborn, Plotly
Data Handling: Pandas, NumPy, Excel, SQL
Tools: Git, VS Code, Jupyter Notebook, Anaconda

WORK EXPERIENCE

Makri Solutions Private Limited, Hyderabad
Data Analysis Intern

- Analyzed large-scale public health datasets covering 21M+ individuals and 4.32M households, improving structured data readiness by 30%.
- Identified 12+ high-risk districts using IMR, MMR, and TFR statistical trend analysis, supporting state-level health monitoring decisions.
- Developed interactive Power BI dashboards and implemented validation workflows, reducing reporting time by 40% and improving data consistency by 18%.

PROJECTS

Customer Churn Prediction (SQL & Power BI)

- Built an ETL pipeline in SQL Server to process telecom churn data and created analytical views for downstream model integration.
- Designed an interactive Power BI dashboard visualizing churn across demographics, geography, and service usage patterns.
- Trained a Random Forest model (84% accuracy) using Python and scikit-learn to predict customer churn.

MLOps Movie Recommendation System

- Built end-to-end ML pipeline integrating data ingestion, preprocessing, feature engineering, and experiment tracking using Python and MongoDB.
- Developed TF-IDF based content similarity model achieving 81% genre precision across 1500+ movie records.
- Deployed RESTful inference APIs using Flask with AWS-based artifact storage, enabling scalable and reproducible model serving.

CERTIFICATIONS

GenAI Powered Data Analytics Job Simulation – Forage

LLM Engineering: Master AI, Large Language Models & Agents – Udemy

E-PORTFOLIOS

- **Portfolio:** https://dandu-yeshwanth1809-portfolio.vercel.app/ — Projects, skills, and technical challenges.
- **GitHub: github.com/YeshwanthDandu180903** — Code repositories showcasing machine learning, deep learning, and deployment projects.

ACHIEVEMENTS

Tech Savishkaar 3.0 Hackathon Jan 2025

- Cleared the competitive coding round.
- Presented *Plant Pal* — a location-aware plant care app providing temperature-based growth insights and personalized recommendations.