

Yashwanth Jonnala

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SUMMARY

Aspiring Data Engineer with hands-on experience in data analysis, pipeline development, and automation through academic projects and continuous learning. Proficient in Python, SQL, Excel, and modern data tools like Pandas and Power BI. Expertise in data transformation, reporting, and workflow automation. Recognized for enhancing data quality and enabling insights through efficient, scalable data solutions.

PROJECTS

Project01: Smart Nutritional Advisor APP | Associated with: Academic | Duration: Mar 2025 – May 2025

- Developed an end-to-end data validation and analysis tool using Python and Pandas for dietary data, automating cleansing, profiling, and reporting. Includes HTML CSS, JAVASCRIPT.
- Integrated ETL steps and statistical insights, reducing manual data review time by over 60%.
- Visualized key health metrics using Matplotlib and Seaborn for actionable dietary recommendations.

Project02: Built a Movie Recommender System leveraging machine learning algorithms and collaborative filtering using Python (Pandas, Scikit-learn), improving recommendation accuracy by 70%.

- Implemented data pipelines for cleaning, feature engineering, and model training; deployed Jupiter-based analysis for tuning and evaluation.
- Visualized user behavior patterns using Seaborn and Matplotlib, delivering key insights into preferences for enhanced personalization.

Project03: Real Estate house prediction. Multiple Disease Prediction.

Project04: Amazon clone

EDUCATION

Sreenidhi Institute of Science and Technology (SNIST)

B. Tech, Information Technology, 01/2026

Narayana Junior Collage Intermediate, 01/2022

Spr school of excellence SSC 10th, 01/2020

SKILLS

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|--------------------------|-------------------------|
| • Python (All Libraries) | • DSA (Data Structures) |
| • SQL | • Critical Thinking, |
| • ML Algorithms | • Time Management, |
| • Power Bi | • problem solving |
| • Excel | • Html, CSS, JavaScript |
| • Statistics | • C |
| • Data Warehousing | |
| • Java | |

CERTIFICATIONS

AWS Academy Data Engineering
Data Analyst
Web Development(front-end)

AWARDS & RECOGNITIONS

Volunteer 11/2023

ASHWATTHAMA'23

- Contributed to event coordination and logistics during ASHWATTHAMA'23, ensuring smooth execution and participant engagement.

LANGUAGES

Telugu(native), Hindi, English