**Yashwanth Jonnala**

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# SUMMARY

Aspiring Data Engineer and analytical individual with hands-on experience in Python, Pandas, SQL, and basic machine learning for data-driven problem solving. Skilled in building end-to-end data pipelines, performing exploratory data analysis (EDA), and visualizing insights using Matplotlib and Seaborn. Familiar with ETL processes and data validation techniques. Passionate about uncovering insights from data and contributing to impactful data projects.

# PROJECTS

**1)Smart Nutritional Advisor App:** Developed using Python, Pandas, and ML libraries in Jupiter Notebook; automated data validation and visualized health insights with Matplotlib/Seaborn; deployed via a simple [website](https://dietcheck-fqtb8yildk4tusnunm63ip.streamlit.app/).

**2)Movie Recommender System**: Built using Python, Pandas, Scikit-learn with ML algorithms and collaborative filtering; improved accuracy by 70%, visualized insights with Seaborn/Matplotlib, and evaluated via Jupiter Notebook**.** [website](https://movie-recommender-g9vqxp9qxndgnhngjjm38x.streamlit.app/).

**3)Real Estate house prediction**

**4)My Daily Tasker:** [website](https://daily-aim-forge.lovable.app/)

**5)Amazon Clone**

**EXPERIENCE**

**Data Engineering Intern** AICTE - AWS Academy Virtual Internship Program - Hyderabad, India (Remote) **Sep 2024 - Dec 2024**

* Built and optimized ETL pipelines to streamline data processing.
* Automated workflows using Python to reduce manual effort.
* Developed scripts for efficient data ingestion and integration.
* Used AWS tools to deploy and manage data pipelines.

**Tutor**

Rockwood High School - Hyderabad, India **Jun 2024 - Sep 2024**

**EDUCATION**

**Sreenidhi Institute of Science and Technology (SNIST)** BTech, Information Technology  
Hyderabad, India *| Expected Graduation:* ***2026***

**Narayana Junior College —** Intermediate (MPC)  
*Hyderabad, India | Completed in* ***2022***

**SPR School of Excellence —** (SSC)  
*Warangal | Completed in* ***2020***

**SKILLS**

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

# CERTIFICATIONS

**AWS Academy Data Engineering**

**Data Analyst**

**Web Development**

# AWARDS

**Volunteer** 11/2023

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

# LANGUAGES

* **English**
* **Telugu (Native)**
* **Hindi**