MURALI KRISHNA VANJARI MASTERWAR Data Engineer

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An enthusiast software engineer with a good understanding of data and cloud . boasting 1.5 years of experience in helping data migrating from database to cloud database.

EXPERIENCE | NXTWAVE | AUGUST 2022 - NOVEMBER 2023

AEA - Aggregation Enrollment and Assesment   **August 2022 – November 2023**
Mara pipeline   *Python*

- As a part of data migration from oracle database to amazon redshift,data transformation is done using **Mara** ETL tool.
- In Data transformation,Orchestrated the combining students,courses,assessment results,enrollment data from different data sources and created unified views using SQL joins.
- we brought data standardisation and error correction to Enrolled data of students as well as their assesment results data.
- Innovatively performed data cleaning like removing duplicates of students data related to incompletely filled forms,filling in missing values like their email,phone numbers,filtering irrelevant information .
- Innovatively assessment data of students enriched to measure their performance like range of their marks,giving grades,ranks based on percentage.
- Transformed data is moved into Amazon redshift data warehouse ,then it is used for business understanding and they have prepared power bi dashboards using this data for business analytics.

LIBRARY MANAGEMENT SYSTEM

- As a part of Library Management System, Implemented Database schema for storing information using **SQL.**
- Implemented **Java** classes like books,members and transactions for representing entities.
- Created Data Access Objects for book,memeber and transaction to perform **CRUD**(Create,Read,Update,Delete) operations on them.
- System has feature of **Search** functionality to find books by Title,Author .

PUBLICATIONS

- Ensemble Methods on weak classifiers for improved Driver Distraction Detection was presented and published in **CVIP-2019** international conference by Springer.

CO-CURRICULAR ACTIVITIES

- **Senior Executive** in Blitzkrieg event in Tech-Fest Tathva 2018, NIT Calicut
- **Volleyball** Team Player for NIT Calicut, 2016-2018

ACHIEVEMENTS

- **JEE Mains** - Top 1 Percentile in JEE Mains nationwide.

EDUCATION

National Institute of Technology, Calicut
B.Tech in Electronics and Communication Engineering

TECHNICAL SKILLS

Skill	Level
Python	: ●●●●○
Java	: ●●●○○
AWS	: ●●●○○
SQL	: ●●●◐○
DSA	: ●●●○○