PHANEENDHRA KATAKAM

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SUMMARY

Dynamic and results-driven Aspiring Data Engineer with 2 years of experience in designing and implementing robust **data pipelines** and **ETL** processes. Proficient in **SQL**, **Python**, and big data technologies like **Hadoop**, **Spark** and to extract, transform, and load data for analytics and business insights.

TECHNICAL SKILLS

- Data Engineering   : ETL development, data pipeline design, data modeling.
- Programming Languages : Python, SQL, C, HTML, CSS, Java.
- Tools   : Git, Git hub, Postman, Soap UI, Tableau, Power BI, Databricks.
- Big Data Technologies   : Apache Spark, Hadoop.
- Database Management   : PostgreSQL, MySQL, MongoDB.
- Cloud Platforms   : AWS (Amazon Redshift, S3), Google Cloud Platform (Big Query).

EXPERIENCE

Amazon Connect (Intern)   Aug 2023 – Oct 2023

- Configured and optimized Amazon Connect, designing contact flows, queues, and routing profiles to enhance call handling and agent efficiency.
- Integrated Amazon Connect with **AWS Lambda**, enabling custom functionality and utilized Amazon **DynamoDB** for efficient storage and retrieval of customer information.

Software Engineer   April 2021 - Aug 2022
Company: Value momentum Software Services Pvt ltd, Hyderabad, India

- Collaborated with cross-functional teams to ensure data design and analytics requirements were met, maintaining data integrity and consistency across all projects.
- Designed, built, and maintained data pipelines and **ETL** processes, optimizing data workflows for maximum efficiency.
- Implemented scalable ETL processes using **Apache Spark** and **Python**, reducing data processing time by 30%.

Data Engineer Intern   May 2020 - July 2020
Company: PWC Pvt ltd, Bengaluru, India

- Managed and optimized databases (**PostgreSQL, MongoDB**) for performance, including schema design and index optimization.
- Developed data pipelines for batch and real-time data ingestion from diverse sources, ensuring data consistency and accuracy.

EDUCATION

Saint Louis University	**Saint Louis, MO**
Masters in computers and information sciences.	Graduated, 2024
Vaagdevi Engineering College	**Warangal, India**
Bachelors in Electronics and Communication's.	Graduated, 2021

PROJECTS

Portfolio: https://phani-kp.github.io/Portfolio/

- Showcased expertise in web development through the creation of a dynamic and visually engaging online portfolio using **HTML**, **CSS**.