Summary-

Results-oriented Database Developer with 6 years of comprehensive experience managing Databases and Proficiency in Oracle 12c/10g/11g, SQL, PL/SQL, and Python. Working experience in design, modeling, development in ETL, OLTP, OLAP, Query Tuning, and Optimization. Experience with Database normalization theory techniques, Entity relation modeling, and design techniques.

Projects: Https://github.com/Srinivs-p?tab=repositories

- Data Modeling with Postgres: Designed and implemented a database. The created a data model for analytics. Design and developed an ETL pipeline using Python to process the data.
- ♦ Data Modeling with Apache Cassandra: Created a non-relational database and ETL pipeline using Python. Analyzed the data from Casandra tables for quick searching, sorting, and grouping using the Cassandra Query Language (CQL).
- Cloud Data Warehouses: Created an ETL pipeline that extracts data from S3, stages them in Redshift, and transforms data into a set of dimensional tables for analytics.
- Data Lakes with Spark: Built a data lake and an ETL pipeline in Spark that loads data from S3, processes the data into analytics tables, and loads them back into S3.
- Data Pipelines with Airflow: Created and automated a set of data pipelines with Airflow, monitoring and debugging production pipelines. Developed Python scripts to automate data sampling process.

Work History

Luxottica, Mason, OH

Role: Database Developer/Data Engineer

July 2018 - Present

- Created Scripts for database hybridization and upgrade. Developed procedures for Organizations Data Conversion. Developed scripts for data migration and batch processing.
- Developed applications to generate payrolls reports for store managers and employees and deals and discounts development for retail applications.
- Proactively tuned SQL queries leading to significant improvement in system response time and efficiency.

Department of Revenue, State of Indiana, Indianapolis, IN Role: Data Engineer/Oracle Developer Jan 2017 – June 18

• Developed applications to renew registrations online.

- Involved in developing ETL Process to Load the Data from different sources, developed ETL type processes using bulk processing.
- Developed the financial systems and financial modules of packaged applications for user registration payments.
- Proactively tuned SQL queries leading to significant improvement in system response time and efficiency.
- Extensively developed PL/SQL Packages, Stored procedures, Triggers.

Certifications:

Data Engineering Nanodegree, Udacity. (June-2019)

Portfolio:

https://srinivs-p.github.io/s/

Srinivas Permndla

Data Engineer

Personal Info

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https://srinivs-p.github.io/s/

Technical Skills

Databases(Oracle, PostgreSQL, MySQL, RedShift)

Excellent

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in

SQL,PL/SQL, Python, PySpark

Excellent

No SQL databases: Cassandra, Dynamo Db

Good

Reporting Tools: (OracleForms and Reports, Tableau)

Very Good

Cloud Computing:

AWS(S3,RDS,Lambda,EMR)

Good

Big Data (Hadoop, Spark)

Very Good

ETL Tools:(Informatica , Apache airflow, Talend)

Very Good

Version Control:(Svn, Tfs, Git)

Very Good

Python Packages (Pandas, Numpy, Scipy)

Very Good

Query Tuning & Optimization.

Very Good

Web Technologies:

(HTML,CSS,JavaScript,Django,Flask)

Good