

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
<ul style="list-style-type: none"><li>• Developed ETL pipelines that transfer data from files in local directories into the tables.</li><li>• Created Scripts for database hybridization and upgrade. Developed procedures for Organizations Data Conversion. Developed scripts for data migration and batch processing.</li><li>• Developed applications to generate payrolls reports for store managers and employees and deals and discounts development for retail applications.</li><li>• Proactively tuned SQL queries leading to significant improvement in system response time and efficiency.</li></ul>		
Department of Revenue, State of Indiana, Indianapolis, IN		
Role: Data Engineer/Oracle Developer		Dec 2016 – June 18
<ul style="list-style-type: none"><li>• Developed applications to renew registrations online.</li><li>• Involved in developing ETL Process to Load the Data from different sources, developed ETL type processes using bulk processing.</li><li>• Developed ETL pipelines that transfer data from files in local directories into the tables.</li><li>• Created Scripts for database hybridization, upgrade and the data migration and batch processing. Developed procedures for Organizations the Data Conversion.</li><li>• Developed the financial systems and financial modules of packaged applications for user registration payments.</li><li>• Proactively tuned SQL queries leading to significant improvement in system response time and efficiency.</li><li>• Extensively developed PL/SQL Packages, Stored procedures, Triggers.</li></ul>		
ITDvिवision INC,		
Role: Data Engineer/Oracle Developer		Jul 16 - Nov 16

Personal Info

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Technical Skills

Databases(Oracle, PostgreSQL, MySQL ,RedShift)  
Excellent

SQL,PL/SQL, Python , PySpark  
Excellent

No SQL databases: Cassandra,DynamoDb  
Good

Reporting Tools: (OracleForms and Reports,Tableau)  
Very Good

Cloud Computing: AWS(S3,RDS,Lambda,Athena)  
Good

Big Data (Hadoop, Spark)  
Very Good

Hadoop Ecosystem: (Pig ,Hive)  
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

- Created Dimension Tables and Fact Tables based on the warehouse design.
- Designed and developed regulatory and statistical reports using oracle report builder for business decisions.
- Created daily jobs for appending data in multiple tables using Schedulers.

**Cygnus India**

**Role: Database Developer/Data Engineer**

**Jan 11 – Dec 13**

- Involved designing, developing Extraction, Transformation, and Load (ETL) scripts utilizing SQL, and python.
- Worked on data cleaning and reshaping, generated segmented subsets using Numpy and Pandas in Python.
- Developed Python scripts to automate data sampling process. Ensured the data integrity by checking for completeness, duplication, accuracy, and consistency.
- Extensively involved in writing SQL queries, PL/SQL programming, and Oracle Partitioning to extract data from large database.
- Importing/Exporting data from/to different databases using utilities like SQL\*Loader, Import/Export.

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**EDUCATION:**

**Bachelor of Commerce & Computer Applications, Kakatiya University, India. (Jan -2011)**

**Master of Business Administration - MBA, University of Sunderland, UK. (Dec -2014)**

**Master of Science in Computer Information Systems, CALUMS, USA. (June - 2016)**

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**Certifications:**

**Data Engineering Nanodegree, Udacity. (June-2019)**