

GOPISETTY SURYA

SOFTWARE DEVELOPER

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LOCATION | Hyderabad, India
EXPERIENCE | 5 Years 10 Months

Key Skills

- Python
- SQL
- SQL PLSQL
- SQL Developer
- SQL Server
- Pyspark
- Python Development
- AWS
- AWS Cloud Engineer
- Gcp
- GCP Cloud
- GCP Data Engineer
- Postgresql
- Postgres Database
- RDS Postgresql
- Shell UNIX
- Shell Scripting
- Shell Python Scripting
- Snowflake
- Snowflake Developer
- DBT
- ETL

Profile Summary

Experienced Software Developer adept in C, C++, and PL/SQL with 2+ years at CL Soft Private Limited. Skilled in ETL processes, I provided technical solutions through 15+ MDDs, optimized queries for a data warehouse with numerous tables, and designed ETL processes for data extraction and loading. Proficient in performance tuning, I identified Fact tables and Transaction tables for small markets. I developed PL/SQL packages, procedures, and functions, ensuring efficient data load and monitoring Oracle12c database. My expertise in BI solutions and database design has driven successful outcomes. I'm ready to utilize my skills in a new opportunity.

Work Experience

Software Developer

CL Soft Private Limited

06/2018 - 06/2020

- Gained experience in C & C++ programming on UNIX for applications and also developed PL/SQL code for updating the payment terms.
- Interacting with Business users, gathering and analyzing requirements and involved in understanding the requirements of the end users/Business Analysts and Developed Strategies for ETL processes.
- Provided technical solutions in the form of MDD (Minor Development Document) for the process changes requests from business
- Involved in the design of database schemas and data mapping of client's Databases with DCX's transactions database.
- Involved in performance tuning and optimization of

- ETL Developer
- SSRS
- SSIS
- SSIS ETL
- Talend
- Data Migration
- Performance Tuning

Certification

- Snowflake Developer
Valid upto April 2025
- DataBricks Pyspark Python 3.0
Valid upto April 2025
- Microsoft Azure Fundamentals
AZ-900

Languages

- English
- Hindi
- Telugu

SQL queries for data warehouse consisting of many tables with large amount of data.

- Created PL/SQL packages, procedures and functions that extensively used PL/SQL cursors, user defined objects types exception handling
- Active involvement in Optimization process through database capacity planning, creation of materialized views partitions, tables, views, indexes etc.
- Designed ETL to extract external data (Oracle, Excel file) and load data using SQL loader
- Developed data extraction, Data mapping and data conversion for various application and processes
- Involved preparing test plans, unit testing, system integration testing, implementation and maintenance
- Created an induction manual for the ETL process and production support document
- Involved in preparing documentation and user support documents.

PLSQL Software Developer

CL Soft Private Limited

06/2020 - 06/2021

- Developed several Packages, Procedures, Functions and Triggers to use in multiple series of other backend programs using PL/SQL
- Involved in Logical and Physical Database and Star Schema design
- Identified Fact tables, Transaction tables for small Business and Consumer markets
- Written SQL scripts to create database objects like tables, views and sequences
- Constant monitoring and performance tuning of Oracle12c database, checking the most queries
- Code PL/SQL sub-programs and modified the existing PL/SQL program units for customer contact employees??? relationships
- Customer Data Load from flat files into Oracle tables using PL/SQL procedures.
- Created ETL design specifications
- Solid understanding of both the business and the technical aspects of BI solutions
- Created table partitioning based on the systems and date range

- Implementing the jobs using apex with the job monitoring tool
- Assigning the email notification then the data loading and validation is done
- Performed review and analysis of deadlocks and database performance tuning
- Conducted code walkthrough & internal/peer reviews on application code and other deliverables
- Documented the whole process flow, PL/SQL packages, log files, locations and descriptions, log tables and possible error messages, process codes and descriptions
- Involved in the continuous enhancements and fixing of production problems
- Worked closely with the application development teams to identify and implement continuous improvements and effective problem resolution strategies.

Senior Software Engineer

ADP Private Limited

06/2021 - 06/2022

- Proficient in Python for developing ETL (Extract, Transform, Load) processes and automation scripts.
- Experienced in using Python libraries such as pandas, NumPy for data manipulation and database interactions.
- Skilled in designing and implementing ETL pipelines to extract data from various sources, transform it according to business logic, and load into target databases.
- Designed and developed ETL workflows using Python and SQL for efficient data extraction from heterogeneous sources (e.g., CSV files, databases, APIs).
- Optimized ETL processes to handle large volumes of data, improving performance by implementing parallel processing and optimized SQL queries.
- Implemented error handling and logging mechanisms within ETL workflows to ensure data integrity and troubleshoot issues.
- Proficient in PL/SQL for writing complex queries, stored procedures, functions, and triggers to support ETL processes and application logic.
- Designed and maintained database schemas,

optimizing data models for performance and scalability.

- Experience with performance tuning and query optimization techniques to enhance database efficiency.
- Contributed to the design and development of data warehouse architectures, including dimensional modeling and schema design.
- Implemented data integration solutions between OLTP (Online Transaction Processing) systems and data warehouses for reporting and analytics purposes.
- Utilized tools like Oracle Data Integrator (ODI) or Informatica for data integration and transformation.
- Collaborated with cross-functional teams including business analysts, data scientists, and stakeholders to gather requirements and deliver ETL solutions that meet business needs.
- Created technical documentation including ETL specifications, data mappings, and process diagrams for knowledge sharing and future reference.
- Participated in code reviews and provided mentorship to junior team members on best practices in ETL development and database design.
- Implemented data quality checks and validation routines within ETL processes to ensure accuracy and completeness of transformed data.
- Monitored ETL jobs and implemented proactive measures for error handling, alerting, and performance monitoring.
- Conducted performance testing and optimization of ETL workflows to meet SLA requirements and business expectations.
- Familiar with ETL tools such as Apache Airflow, Talend, or SSIS for workflow orchestration and scheduling.
- Experience with version control systems (e.g., Git) and CI/CD pipelines for automated testing and deployment of ETL workflows.
- Knowledge of cloud platforms (AWS, GCP, Azure) and their data services for building scalable and cost-effective ETL solutions.

Senior Cloud Engineer & Data Engineer

Impetus Technologies

- Led end-to-end data migration projects involving legacy systems to modern platforms, ensuring data integrity, accuracy, and minimal downtime.
- Developed data migration strategies and plans, including data extraction, cleansing, transformation, and loading (ETL) processes.
- Implemented data validation and reconciliation processes to ensure completeness and correctness of migrated data.
- Designed and implemented ETL pipelines using tools like Informatica, Talend, or custom scripts (Python, SQL) to extract data from source systems, transform it, and load into target databases or data warehouses.
- Optimized ETL workflows for performance, scalability, and reliability, handling large volumes of data efficiently.
- Proficient in SQL for writing complex queries and scripts to extract, manipulate, and validate data during migration processes.
- Experience with database administration tasks such as schema design, indexing, and performance tuning to support data migration activities.
- Implemented data quality checks and validation rules to ensure data consistency and accuracy before and after migration.
- Conducted data profiling and analysis to identify data quality issues and recommend corrective actions.
- Collaborated with business stakeholders, data owners, and IT teams to understand data requirements, mapping specifications, and migration timelines.
- Coordinated with project managers and cross-functional teams to prioritize tasks, resolve issues, and meet project milestones.
- Created documentation including data migration plans, mapping documents, validation procedures, and post-migration reports.
- Generated migration status reports and communicated progress to project stakeholders and management.
- Resolved data migration issues and errors promptly, employing troubleshooting techniques and root cause analysis.
- Provided post-migration support and addressed

data-related queries or concerns from end-users.

- Ensured data privacy, security, and compliance with regulatory requirements during data migration activities.
- Implemented data masking, encryption, or anonymization techniques as needed to protect sensitive information.
- Contributed to process improvements and best practices for data migration, automation, and quality assurance.
- Stayed updated with industry trends and technologies related to data migration tools and methodologies.

Internship

Motorola, 6 Months

Worked on app development in Motorola.

Was given a task to work on Motorola Moto Connect app

NIMSRC, 6 Months

Work on Development of website for a local hospital in the area

Game Recovery Service, 3 Months

Worked on Data Recovery service from corrupted Electronic chips and saves for games.

The service was authorised by well known companies from Japan.

Used Python, Hex Functionality to Decode the Data from the files and tried to recreate them.

Education

B.Com - Commerce

2018

Nagarjuna University

12th

2014

Andhra Pradesh , English

Grade - 85-89.9%

10th

2012

Projects

Transport Managment Application

24 Months

Designed, developed, and maintained a web-based Transport Management System (TMS) using technologies like Java, Python, or .NET. Implemented core features including route optimization, vehicle scheduling, freight management, and real-time tracking of shipments. Integrated third-party APIs (e.g., Google Maps API) for geolocation services and mapping functionalities within the TMS. Utilized relational databases (e.g., MySQL, Oracle, PostgreSQL) to store and manage transportation-related data such as orders, shipments, and customer information. Designed database schemas and optimized SQL queries for efficient data retrieval and reporting within the TMS. Developed user-friendly interfaces using HTML/CSS, JavaScript, and front-end frameworks (e.g., React, Angular) to enhance usability and accessibility of the TMS.

Finance Managment Application

12 Months

Developed a Finance Management Application over a 12-month period, resulting in a 20% increase in financial data accuracy and a 15% reduction in processing time.

Designed the architecture and database schema of the Finance Management Application using technologies such as Java Spring Boot and PLSQL Oracle, ensuring scalability, security, and performance.

Implemented RESTful APIs to facilitate seamless integration with external systems and enable data exchange with accounting software and banking APIs.

Utilized front-end technologies like React.js and Material-UI to create a modern, responsive user interface that meets usability and accessibility standards.

Migrating Oracle EBS to .net Framework

Data Migration Projects

24 Months

Worked on Data Migration projects for Following
Oracle to Azure Databricks
Azure Data Factory to Snowflake
Teradata to Pyspark
Teradata to Azure Databricks
Oracle to AlloyDB(GCP Postgres)
Postgres to RDS

Payment Due Reminder Project

6 Months

Developed a Payment Due reminder for a real estate company where they need the software to send the customer the due reminder to the service and the payment like should be auto generated in run time from the payment portal and send to client.

We need to monitor the status of payment till the link is expired.

The details need to be stored in database and send to warehouse for reporting services.

Used APIs, Python and SSIS to complete the Project.

ERP System for College

6 Months

Worked on development of an ERP system to Colleges and Schools. Which can store the Details of the school.