Srinu

Contact at:(+91) 9666347600
Email: asrinu9339@gmail.com
Current City: Hyderabad, India

SUMMARY

- 10+ years of IT Professional experience in Data Modeling and Implementation of Data Warehousing projects using ETL, ELT tools ,Snowflake and also worked in Application (Products) development as a backend (Python, Flask) engineer.
- Well Experienced in Data engineering technologies like SQL, Python, Flask, REST API, Docker, PySpark, Swagger API, GIT, Data Warehouse, Database's, Snowflake, SQL Scripting, DevOps Concepts, Informatica and Diyotta ELT data integration tool.
- Strong engineering professional with a Master of Computer Applications (M.C.A) focused on Computer Science from Nagarjuna University.
- Good experience in understanding the business rules completely based on High Level document specifications and implements the data transformation methodologies.
- Have working experience in the Python concepts List, Dictionaries, Sets, String operations, Pandas and Data frames.
- Have working experience in the version control tools GIT, Docker image creation and code migration.
- Conduct and participate in client white-boarding sessions, workshops, design sessions, and project meetings as needed, playing a key role in client relations
- Conducting data quality analysis, end to end data reconciliations by profiling the source systems using ETL /SQL.
- Defining the data quality of the sources and lists the data quality metrics of the source systems.
- Having experience on Jira and worked on various boards like Kanban and Sprint model etc.
- Having working experience on incremental logic implementations from various source's systems.
- Have good working experience in snowflake cloud databases.
- Worked directly with both business and technical leaders at our clients to understand and document their business and technology requirements.
- Proficient experience with ETL architectures, SQL, and database/data warehouse development and designing data models (dimensional, data vault, third normal form, etc.)
- Have written complex transformation logic to make the consumption of data clean, performant, and re-usable
- Knowledge of Data Warehousing methodologies and best practices.
- Be involved from the beginning to the end of the system development life cycle (SDLC).
- Produce documentation to aid both business and technical users related to the solutions produced.
- Experienced in UNIX work environment and well versed in Unix shell scripting.
- Experienced in the PYTHON work environment and well in developing Python applications.
- Experience in re-engineer the SQL scripts and redeveloping the jobs in Diyotta Data Integration Suite.
- Working experience in complex JSON file, COBOL file, XML file and Rest API.
- Certifications- Netezza database certified professional.

TECHNICAL SKILLS

Top skills

Amazon Web Services (AWS) • Data Warehousing • Extract, Transform, Load (ETL) • Python (Programming Language) • SQL

Backend Technologies: Python, PySpark, DBT, Flask, Flask RESTful, Pylint, PyUnit, ETL Tools and UNIX Scripting

Databases: SQL, Oracle, Snowflake, PostgreSQL and MongoDB.

Cloud Technologies: AWS and AWS Services.

Version Control Tools: GitHub

Others: Putty, Docker, Kafka, PyUnit, Jira and Confluence, REST API, Airflow, Swagger API.

SPECIFIC PROJECT EXPERIENCE

Project Title : Data Governance – Data Catalog

Company Name: ThoughtSpot India Pvt Ltd.

Environment : Python, Flask, Rest API, SQL, MongoDB, Snowflake, AWS Services, PyTest, GitHub, Jira, Dockers, Visual Studio Code.

Role : Staff Software Engineer

Duration : Aug 2022 – Till Date

Responsibilities:

- Worked on design document and list out the required Flask API and Method details for pulling the tables and column's metadata from data catalog tools (Alation, Atlan)
- Worked with Front End Team on designing of the project and request ,response payloads format's for Rest API calls .
- Design the project architecture and tree structure of the project for various levels of the python modules and code implementation.
- Worked on application development by using Flask REST API calls , Pandas and parsing the JSON response and loading the data into MongoDB and Snowflake tables.
- Worked on Code coverage, PyTest ,SonarQube report , Code review, deployment of the code into upper environments and worked on unit test cases.
- Worked on Python libraries, Docker Image, code deployment ,merging the code in GIT repository , customer issues and batch processing of the tables.

Project Title : Seekwell

Environment : Python, Flask, Rest API, SQL, PostgreSQL, AWS Services, Snowflake, PyTest, GitHub, Jira, Dockers, ETL, Visual Studio Code.

Role : Staff Software Engineer

Company Name: ThoughtSpot India Pvt Ltd**.**

Duration : May 2021 – July 2022

Responsibilities:

- Worked on design, implementation and modifying the Product and code, PostgreSQL database schema on-the back end
- Prepared the PRD based on requirement doc, Design the back-end project architecture
- Worked as a backend Lead for back-end team (Python), Task assignments, Perform the code review, Pylint, Bug Hunt, Code migration.
- Analyzed and provided fix for most of the critical issues raised by testing team and customers, merging the code into GIT repository .
- Worked on environment Set up (Dev., Staging and Production) in AWS
- Involved in code review, code migration, provided extended support for Production releases and assisted in validating the releases.

- Worked on AWS Services (AWS Glue, Lambda, DynamoDB, S3, API GateWay) for pulling the data from S3 bucket and loading into Snowflake.

Project Title : Therapy Management Corporation

Environment : Python, SQLserver. Oracle, JSON, Diyotta ETL tool, Jira, SQL, Snowflake, Dim and Fact tables.

Role : Sr. Data Engineer- Lead

Company Name: Diyotta India Pvt Ltd.

Duration : Dec 2018 - May 2021

Responsibilities:

- Analyzed the business requirement and prepared low-level design document (Technical design document)
- Prepare the logical ER diagram and list out the landing tables, staging, and dim and fact tables based on business requirement
- Analyzed the business requirement and prepared low-level design document (Technical design document)
- Developed the jobs to load the data into dimensional tables by joining the landing increment tables
- Developed incremental jobs and control process before loading into dimensional tables
- The technical design document provided detailed logical ER diagrams, dimensional tables and fact table details etc.
- Developed the history jobs to read the data from SQL server and load the into landing database in SQL server landing layer
- Implement the jobs SCD-Type-2 logic for various dimensional tables and validate the logic
- The technical design document provided a detailed logical ER diagram, dimensional table and fact table details etc.
- Developed the history jobs to read the data from SQL server and load the into landing database in SQL server landing layer
- Developed incremental jobs and control process before loading into dimensional tables

Project Title : T-Mobile - Interactive voice response.

Environment : JBOSS, JSON, Putty, UNIX, Diyotta ELT tool, SQL, Jira Oracle, DB2 database.

Role : Sr. Data Engineer.

Company Name : Diyotta India Pvt Ltd.

Duration : July 2016 - Dec 2018.

Responsibilities:

- Analyzed the business requirement and prepared field level document
- Develop the job for the extraction of the messages from JBOSS JMS queue and writes the messages into files in the ELT Server
- Implement the Shell script for manipulate the JSON file and for providing correct JSON format file to the Diyotta job
- Developed different jobs to parse the JSON data and loading into staging database
- Implemented the jobs for reading data from staging database and push into ERD database for loading processed data into all the target tables as a single transaction
- Analyzed the business requirement and prepared low-level design document (Technical design document)
- Developed the jobs to load the data into dimensional tables by joining the landing increment tables

Project Title　　: Scotia Bank - PORTA.

Environment　　: Diyotta ELT data integration tool, SQL,JSON, AVRO, GCS, Big query, GCP, UNIX,Hive

Role　　　　: Data Engineer

Company Name: Diyotta India Pvt Ltd.

Duration　　　: Mar 2013 - June 2016

Responsibilities:

- Analyzed the business requirement and prepared a field level document. Worked with an offshore team and assigned the work. Monitor the work progress. Developed various job flows for getting data from different source Systems and pushing into Avro. (Job flow: Extractor) in Diyotta ELT Tool
- Developed various job flows to move the Avro file from source agent to target agent) in Diyotta ELT tool (Job flow: Transfer)

Project Title　　: ICICI Bank

Environment　　: Diyotta ELT data integration tool, Informatica Power Center ,SQL, Oracle 10g, Toad, SQL Developer, PL/SQL, Linux 6.1

Role　　　　　: ETL Developer.

Company Name : Diyotta India Pvt Ltd.

Duration　　　: Mar 2013 - Nov 2013

Responsibilities:

- Understanding the requirements from the business analyst to balance the customer units for the client
- Developed a POC and made equivalent SQLs for the existing Oracle Stored procedures
- Prepared Designs and Streams by joining several dimensions with main source to produce a FACT FIFO table
- Achieved significant improvement in the throughput time with the test data provided by the customer
- Started reconciliation to match the logic to the client's existing design
- Debugged several phases of execution in the process
- Extracting and Transforming data within Oracle
- Involved in the design of the overall database
- Involved in Data Loading and Extracting functions
- Designed and developed all the tables, views for the system in Oracle
- Developed queries for the validation data/logic
- Apply the business logic by using different transformations in the power center and load the data into dim and fact tables.

EDUCATION

Master of computer Application (M.C. A) From V.R.Siddhartha Engg College -Vijayawada

AWARDS & ACHIEVEMENTS

Diyotta-Delivery Excellence and MVP.
Diyotta- On the Spot.

Netezza Certification from IBM.