**PROFESSIONAL SUMMARY– DATA ENGINEER**

Snowflake Certified Data Engineer having 2+ year of experience in Python, dbt & Snowflake. Well-acquainted with Database design, Data Warehousing concepts and data pipeline. Knowledgeable in Python frameworks related to data such as Django, Django REST for application development and Pandas for data analysis and ETL. Currently working as a Senior Data Engineer.

**LANGUAGES AND TOOLS**

* Python-Django Framework, REST API
* dbt (data build tool) for Transformation
* *Script Languages-* Html, CGI-Python
* *RDBMS* – Snowflake, SQL Server 2005, Postgres, Oracle
* *Languages*- Oracle & PL/SQL, Java, C, C++

**A SUMMARY OF SUCCESSFUL ACOMPLISMENT OF PROJECTS AT WORK:**

## Anjane Technologies Period: October 2021 – Till Date

**Stanley Black** & **Decker** is the world's largest tool company that manufacturers industrial tools and household hardware products. As a Data Engineer, collaborated with Data Scientists and analyst to extract data from API endpoints using Python scripts and load the data into **Snowflake** database. Created **dbt** models to transform the acquired data to populate DataMart.

* Responsible for reviewing the BRD’s for deriving inputs.
* Responsible for data mapping and logical modelling.
* Design the code required for data acquisition from both internal and external sources (via API).
* Created python templates to ingest data from flat files, csv files, json and excel sheets into the **Snowflake** database.
* Developed mappings, sessions and workflows to extract, validate and transform data according to the business rules using **dbt** models.
* Created common reusable code and templates for data ingestion.
* Performed unit testing for the user acceptance of data and tuned for better performance.
* Developed data mart projects using dbt and utilized dbt macros for transformation of data.
* Managed the building and designing of data models using DBT (Data Build Tool), including integrating data sources for Snowflake data warehouse.
* Provided recommendations based on those analytics which significantly affected the company's pricing strategy and product roadmap.
* Designed and developed Pricing Consolidated zone 4 mappings based on business user requirements and business rules to load data from diverse sources.
* Worked on transformations like Rank, Aggregator and joiner strategy.
* Involved in monitoring the workflows and optimizing the load times. Used CDC to simplify ETL.
* Involved in data validation checks during staging (zone data validations)
* Experience in Data migration into Snowflake cloud data warehouse.
* Involved in Data Requirement Analysis, Implementing data warehouse and data migration into snowflake cloud data warehouse and data transformation process using DBT.

## Real Time Signals Period: January 2019 – October 2021

* Worked on data related applications built using Python/Django and Postgres
* Demonstrate in an efficient, effective and timely approach to understand programming concept
* Responsible for training and mentoring team in Python Programming and Django Framework.
* Have created training & user manual materials both for in-person and online along with use case based assignments.

## Acengage Period: January 2018 – January 2019

* Responsible toDevelop automation of tasks using macros and Excel packages
* Create and update automated scripts for charts, and data tables monthly.
* Knowledge in specific data base/reporting work experience
* Participate in requirements gathering sessions to understand, capture and validate new requirements for development/modifications/enhancements

## United Capital Club Period: January 2017 – December 2017

* Worked on social media postings in the internet and analysing their responses
* Mainly concentrated on Digital Media Marketing and ROI Analysis using Python and Excel packages.

### Prior Experience:

* GTRE, DRDO Period: July 2008 – June 2009
* DARE, DRDO Period: Sep 2006 – Jan 2008
* IEP Period: May 2005 – May 2006
* SAMPARK INFO SOLUTIONS Period: Nov 2004 – May 2005

**ACADEMICS**

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| --- | --- | --- | --- | --- |
| **Degree** | **%** | **Period** | **Institution** | **Board / University** |
| B.E  (Comp. Science) | 78.2 | 2000 – 2004 | M.A.M College of Engineering, Trichy | Bharathidasan University |
| HSC | 86.9 | 1997 – 1999 | Town Higher Secondary School, Kumbakonam | Tamil Nadu State Board |
| SSLC | 91.4 | 1996 – 1997 | Town Higher Secondary School, Kumbakonam | Tamil Nadu State Board |