

Baban Biswas

Data Engineer : Snowflake Developer

Extensive knowledge in designing Snowflake Datawarehouses
Extensive experience in loading data from different source
Extensive knowledge on migrating Data Warehouses

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EXPERIENCE

Tata Consultancy Services Ltd, Kolkata — *Snowflake Developer*

July 2018 - November 2021

IBM, Kolkata - Data Engineer : Snowflake Developer

November 2021 - Present

EDUCATION

Kalyani Government Engineering College, West Bengal — *Bachelor of Technology in Information Technology*

2014 - 2018

PROJECTS

Project Name – Creation of a Item Procurement Reporting View for an ecommerce client.

Summary :

>Created a data pipeline to bring data into Snowflake from a regularly placed report in AWS S3 bucket.

>Created another data pipeline to bring data into snowflake from salesforce.

>Created two more data pipeline to bring data into snowflake from two other sources(SAP and COUPA).

>Reporting view was updated from all of the above mentioned sources.

>As part of business requirements, few data was masked using User Defined Function.

>Tasks was scheduled in such a way that once data from all of the sources got updated into snowflake reporting view, that report would be extracted and sent to AWS S3 for further analysis.

>Once analysis completed, that report would be sent back to snowflake again and top of that reporting view a tableau dashboard was created for the use of business.

> As part of the implementation of the project, lot of stored procedures and tasks were created.

SKILLS

Snowflake
SQL
Matillion
Unix Shell Scripting
DB2
Python
Javascript
HTML
CSS
Couchbase

Tools

Snowflake Web Portal
Snowpipe
Snowsql
Matillion
AWS
Microsoft Azure
Toad
Informatica Power Center
Microsoft Power BI
Various DB2 Tools

Operating System

Unix/Linux
Windows

Project Name –Creation of a Reporting View for Orders Placed and Defective Items Replaced

Summary :

> Created two data pipelines, one from Coupa (using Python) and one from Salesforce (using Matillion ETL tool) to bring order details and defective item details into snowflake.

Project Name — Snowflake Data Warehouse Design and Implementation

Summary :

>Created several snowflake databases along with other required objects in Database.

>Implemented security policies in such a way that a compact access hierarchy is maintained.

>Have extensive experience in implementing snowflake task.

>Have sufficient knowledge in implementing snowflake stream object.

>Have extensive knowledge in snowpipe.

>Have required knowledge in query tuning.

>Have extensive knowledge in connecting Informatica ETL tool and Microsoft PowerBI tool with Snowflake.

>Have experience in installing Snowsql in linux server.

>Have knowledge in AWS/Azure in respect of Snowflake.

>Have extensive knowledge in making connections from Python Client API to Snowflake account.

>Have extensive knowledge in creating stored procedures and User Defined Functions/ User Defined Table Functions.

>Have experience in creating data pipelines in snowflakes.

>Guaranteed seamless flow of data so that there is no instance of failure.

>Designed the database in such a way that it always kept performance high.

>Automated various manual jobs using shell script so that minimum time is incurred in implementing all the required day to day activities.

> Have extensive experience in loading data from different sources to Snowflake through Matillion and Python script.

Experience in Other Databases/Datawarehouses :

> Have extensive experience in IBM DB2 as well.

> Have experience in Couchbase as well.

>Have knowledge in NOSQL also.

Personal Project

PickYourCamp - It is a website where people can write about any tourist palace.

Technology Used

Express Framework

Node.js

EJS

MongoDB

Bootstrap

Website Link :

<https://whispering-atoll-71142.herokuapp.com/campgrounds>

Github link

<https://github.com/babanbiswas/CampSite>

Language Known

English

Bengali

Hindi

Date of Birth

19th March, 1994