

## SATHIBABU VANACHARLA

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### Career Objective

Building a career with leading corporate organization with committed and dedicated people, which will help me explore and fully realize my potential, ultimately emerging as a key player in challenging and creative environment.

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### Professional Summery

Over 4 years of experience in IT industry, 2 years 5 months of experience with Snowflake cloud database, working as a data engineer and highly motivated individual with proven ability to learn fast and work well under pressure.

- ✦ Proficient in Design and Development of process required to extract, Transform and Load data into the data warehouse using Snowflake Cloud Database, AWS S3.
- ✦ Expertise in building/migrating data warehouse on Snowflake cloud database.
- ✦ Expertise in working with snowflake multi-cluster warehouses, snow pipes, internal/external stages, stored procedures, clone, tasks and streams.
- ✦ Experience with Snowflake cloud data warehouse and AWS S3 bucket for integrating data from multiple source system which include loading data into snowflake tables.
- ✦ In-depth knowledge of Snowflake Database, Schema and Table structures.
- ✦ Exposure to Slowly Changing Dimensions of type I and type II.
- ✦ Used COPY/INSERT, PUT, GET commands for loading data into Snowflake tables from internal/external stage.
- ✦ Handling large and complex data sets like JSON, CSV files from various sources like AWS S3.
- ✦ Good exposure in Snowflake Cloud Architecture and SnowSQL and SNOWPIPE for continuous data loading.
- ✦ Created Clone objects to maintain zero copies in snowflake.
- ✦ Created TASKS for scheduling/Automate Snowflake jobs on streams and procedures.
- ✦ Hands-on experience in bulk loading and unloading data into Snowflake tables using COPY command.
- ✦ Experience in writing complex SQL scripts using Statistical Aggregate functions and Analytical functions to support ETL in snowflake cloud data warehouse.
- ✦ Well-acquainted in working with complex SQL queries with Joins, Functions, Sub-queries, Views and procedures.
- ✦ Experience in working different areas of RDBMS, Data loading through SQL loader.
- ✦ Quick learning, implementation and easy adoption to new technologies.
- ✦ Good team player, very proactive and willing to learn new updates in technology.
- ✦ Understanding customer requirements, analysis, design, development and implementation into the system, gather and define business requirements and enhancing business processes.

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### Technical Skills

**Cloud Data warehouse:** Snowflake.

**Databases:** My SQL, Oracle 11g, Oracle 19C.

**Database Tools:** SQL Developer. DBeaver.

**Programming Languages:** Oracle SQL, python

**Operating Systems:** Windows, Linux.

**Cloud Services:** AWS S3, IAM.

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## Professional Experience

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- ✦ Working as a Software engineer at **BASTUL SOFTWARE SOLUTIONS** from **NOV 2018** to **Till-date**.

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## Educational qualifications

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- ✦ Bachelor of Technology from JNTU Kakinada in 2017.

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## Projects:

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### **Project #1: WIND RIVER CLOUD MIGRATION**

**Client: WIND RIVER**

**Duration: JUN'2020 – TILL NOW**

**Environment: Snowflake Cloud Data warehouse, AWS S3**

#### **Project Description:**

Wind River Systems, also known as Wind River, is an Alameda, California-based wholly owned subsidiary of TPG Capital. The company develops embedded system software consisting of run-time software, industry-specific software solutions, simulation technology, development tools and middleware, which is software and operating systems for information appliances and devices for intelligent connected system

#### **Responsibilities:**

- ✦ Created internal and external stage and transformed data during load.
- ✦ Designed Update and Insert strategy for merging changes into existing Dimensions and Fact tables.
- ✦ Responsible for all activities related to the development, implementation and support of ETL processes for large scale data warehouses using Snowflake cloud Data warehouse.
- ✦ Developed initial and incremental data loadings and scheduling the data load processes.
- ✦ Loading data into Snowflake tables from internal stage and on local machine.
- ✦ Worked on Snowflake streams to process incremental records.
- ✦ Responsible for implementing the slowly changing dimensions of type 1 and 2.
- ✦ Used import and export from internal stage (Snowflake) vs external stage (S3 Bucket).
- ✦ Shared sample data using grant access to customer for UAT.
- ✦ Writing complex Snow SQL scripts in Snowflake cloud data warehouse to Business Analysis and reporting.
- ✦ Create task flows to automate the data loading/unloading to/from Snowflake data warehouse and AWS S3
- ✦ Unloaded the data from snowflake to send data to downstream.
- ✦ Involved in Production deployment and monitored the load.
- ✦ Responsible for interactions with the clients and business users for gathering the required information.

**Project #2: ACTIVISION DSR****Client: ACTIVISION BLIZZARD INC****Duration: JAN'2019 – MAY'2020****Environment: SQL, SQL Developer****Project Description:**

Activision Publishing, Inc. is an American video game publisher based in Santa Monica, Activision is one of the largest third-party video game publishers in the world and was the top publisher for 2016 in the United States.

**Responsibilities:**

- ✦ Creating Databases, tables and table structures.
- ✦ Creating views, functions and stored procedures.
- ✦ Writing optimized SQL queries for integration with other applications.
- ✦ Creating database triggers for use in automation.
- ✦ Having done data profiling and data quality checks
- ✦ Supporting for data model review and identify gaps if any to enhance data model.
- ✦ Worked on import and export to load the dump files to the schemas.
- ✦ Create and maintain complex SQL programs like Packages, Functions, and Triggers.
- ✦ Wrote dynamic SQL queries to create database objects dynamically.
- ✦ Maintaining data quality and overseeing database security.

**Date:****Place: HYDERABAD****(SATHIBABU.V)**