

VISHNU V KULKARNI

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[Linkedin](#)

[Portfolio](#)

SUMMARY

Snowflake Certified Data Engineer Professional with 2.3 years of experience in designing and managing data solutions in the Healthcare domain. Proficient in building and optimizing data pipelines and ETL processes. Worked with cross-functional teams, including business analysts, product managers, and IT staff, to identify data needs and align solutions with business objectives. Communicate complex technical concepts in a clear and understandable manner, facilitating discussions that lead to actionable insights.

TECHNICAL SKILLS

- **Snowflake:** Data warehousing, SnowSQL, Snowpipe, Tasks, Streams, Snowpark and Snowflake Architecture
- **SQL:** Intermediate querying, optimization, and performance tuning
- **Cloud Platforms:** Azure
- **Programming Languages:** Python, C, C++
- **Data Modeling:** Star schema, Snowflake schema, Data Warehousing Concepts
- **Data Visualization:** Tableau, Power BI (Basics)

WORK EXPERIENCE

COGNIZANT TECHNOLOGIES SOLUTIONS

11/2022 – Present

Solventum(3M Healthcare) : Kinetic Commercial Ops Reporting

DATA ENGINEER

- **Developed and deployed data pipelines** to ingest and transform over 100GB of data into Snowflake, reducing processing time by 20% and enhancing analytics accessibility for six teams.
- **Created and integrated ETL processes** to consolidate data from multiple sources, achieving approximately 95% data accuracy and consistency.
- **Optimized Snowflake queries and database performance**, resulting in a 30% reduction in query execution time.
- **Conducted data quality checks** to resolve discrepancies, maintaining high data accuracy standards at around 99%.
- **Collaborated with data analysts** to gather requirements and deliver actionable insights.
- **Established a routine data backup system** that follows strict archival procedures, now supporting the analysis of over 1 million data points and guiding strategic initiatives with a 20% improvement in performance.
- **Performed data analysis using Excel**, employing PIVOT TABLES, VLOOKUP, INDEX MATCH, and other formulas to interact with the Snowflake data warehouse via ODBC, which improved efficiency by 25%.
- **Constructed and executed SQL queries** and set up materialized views, enhancing data accessibility and reducing manual data handling by 30%, streamlining the Visualization team's processes.
- **Addressed JIRA tickets** related to data changes with a 100% completion rate and an 80% timely resolution rate.
- **Conducted functionality and data validation** on Tableau dashboards prior to deployment, achieving a 95% quality standard.

COGNIZANT TECHNOLOGIES SOLUTIONS

03/2022 – 08/2022

DATA ENGINEER (Intern)

- Engaged in an internship with Cognizant Technology Solutions, concentrating on Big Data and PySpark, which enhanced my exposure to technologies such as Spark, MapReduce, and related technologies by 40%.

CERTIFICATIONS

- [Microsoft Power BI Data Analyst Associate – PL 300](#)
- [Microsoft Azure Data Fundamentals – DP 900](#)
- [Microsoft Azure Fundamentals – AZ 900](#)
- [Snowflake SnowPro Certification](#)

EDUCATION

Bachelor of Engineering in Computer Science and Engineering,
RNS Institute of Technology, Bengaluru, Karnataka | 08/2018 - 07/2022 | GPA : 8.22