

BHARATHI CHANDRASEKARAN

Senior Data Engineer | Snowflake | Azure Data Factory | Cloud Migration
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PROFESSIONAL SUMMARY

Senior Data Engineer with 7.5+ years of experience specializing in large-scale cloud migration, Snowflake development, and ETL pipeline engineering. Delivered end-to-end migration of 100+ database objects (stored procedures, views, functions) from PostgreSQL to Snowflake and rebuilt orchestration pipelines from Apache Airflow to Azure Data Factory for a major US telecom client. Certified SnowPro Associate with hands-on expertise across the full migration lifecycle — from schema conversion and data validation to production deployment.

CORE TECHNICAL SKILLS

Cloud / Warehousing	Snowflake (SnowPro Associate), Azure Data Factory (ADF), Apache Airflow
Databases	PostgreSQL, PL/SQL (Oracle), MS SQL, Snowflake SQL
ETL / Orchestration	ADF Pipelines, Airflow DAGs, Control-M, Jenkins, OpenShift
Monitoring / Support	Splunk, ServiceNow, pgAdmin4, Postman, SQL Developer
Dev / Collaboration	GitHub, JIRA, Confluence, ServiceNow

CERTIFICATION

SnowPro Associate — Certified by Snowflake Inc.

PROFESSIONAL EXPERIENCE

Infosys — AT&T, US

Technology Analyst

May 2023 – March 2026

Tools: Snowflake, Azure Data Factory, PostgreSQL, Apache Airflow, JIRA

Cloud migration of AT&T's data pipeline infrastructure from PostgreSQL/Airflow to Snowflake/ADF.

- Led end-to-end migration of 100+ PostgreSQL stored procedures, functions, and views to Snowflake over ~3 years as part of a 3-member team — resolving datatype, syntax, and logic incompatibilities across all objects.
- Independently owned ADF development in the absence of a dedicated pipeline engineer — designed and deployed 4 production ADF pipelines covering 4 distinct source systems, replicating existing Airflow DAG orchestration logic.
- Migrated orchestration layer from Apache Airflow to Azure Data Factory, translating DAG-based workflows into ADF activities and incorporating Snowflake transformation procedures end-to-end.
- Executed post-migration data quality validation with client stakeholders across all 4 pipelines, ensuring zero data loss and full reconciliation between source and target systems.
- Delivered complete technical documentation for all ADF pipelines and Snowflake objects, enabling seamless handover to client operations team.

Infosys — INMARSAT, UK

Technology Analyst

Oct 2022 – May 2023

Tools: PostgreSQL, pgAdmin4, SQL Developer, Jenkins, JIRA

Database migration for a global satellite telecommunications provider — schema redesign and data transformation.

- Migrated legacy database schema to a new PostgreSQL environment, creating tables and establishing inter-table dependencies based on business rules and data mapping documents.
- Developed stored procedures and functions to load and transform data per client specifications, validating output against source system records.
- Coordinated with client stakeholders to clarify requirements and ensure schema alignment with downstream application dependencies.

Infosys — BMG Music, UK

Technology Analyst

Jun 2022 – Oct 2022

Tools: PostgreSQL, SQL Developer, Jenkins, JIRA

Database development for a global music streaming platform — schema enhancements and data pipeline updates.

- Created new tables and views for existing datasets to support updated business requirements and schema dependency changes.
- Developed stored procedures and functions for data loading and transformation, aligned to data mapping specifications.

TCS — IKEA, Europe

Support Executive & Deployment Manager

Nov 2018 – Jun 2022

Tools: Control-M, MS SQL, Splunk, Jenkins, OpenShift, ServiceNow, Postman

Production support and deployment management for IKEA's global retail applications.

- Triaged and resolved production data incidents within SLA — diagnosing root causes via SQL queries across Oracle databases to identify missing or incorrect data in downstream systems.
- Reduced recurring incident volume by 60% by identifying systemic data issues and implementing permanent fixes, eliminating repeat failures.
- Built Splunk dashboards to monitor PL/SQL batch run deviations, enabling proactive detection of pipeline anomalies before downstream impact.
- Managed end-to-end deployment scheduling for PPE and PROD environments, coordinating cross-team releases with zero unplanned downtime.
- Used Control-M for job scheduling and monitoring; raised and tracked changes via ServiceNow for all production deployments.

EDUCATION

B.E. — Computer Science & Engineering

2018

M. Kumarasamy College of Engineering | CGPA: 7.4