

Sai Tarun

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Summary

Results-driven IT professional with 3+ years of experience and a Master's in Information Systems, passionate about data engineering. Skilled in SQL development, data transformations, and analysis with a proven ability to turn complex datasets into actionable insights. Hardworking, motivated, and quick to learn; adapts to new technologies and solves problems independently. Dedicated to continuous growth and eager to contribute to a forward-thinking data team.

Core Competencies

Databases: SQL Server, Snowflake, Oracle, PostgreSQL **ETL/Integrations:** SSIS, Informatica, Boomi, APIs

BI & Reporting: Tableau, SSRS

Practices: Data Governance, Compliance, Agile/Scrum

Other: On Call Support, Data Analysis Migration Strategy, Collaboration,

Key Projects

- **Customer Data Transformation in Snowflake** – Built SQL pipelines to clean and standardize customer data, reducing duplicates by 35% and improving reporting accuracy.
- **ETL Pipeline for Marketing Analytics** – Consolidated sales and campaign data in Snowflake, reducing manual effort by 40% and enabling ROI dashboards for business teams.
- **Query Performance Tuning** – Optimized BI SQL queries (joins, CTEs, window functions), cutting report runtime by up to 50% and improving stakeholder satisfaction.

Professional Experience

Freelance Data Engineer

Jan 2025 – Current

MetricsZero

- **Ingest & Clean Monitoring Data** – Pulled in logs, metrics, and spans from Datadog, New Relic, and CloudWatch. Wrote SQL/Python pipelines to normalize formats, remove duplicates, and handle missing data.
- **ETL & Data Warehousing** – Built pipelines in Snowflake, Redshift, and BigQuery to store and organize monitoring data. Created fact & dimension tables for cost reporting (e.g., `fact_metrics_costs`).
- **Automate Cost Checks** – Wrote scripts to flag unused custom metrics, high-cardinality tags, and redundant spans. Scheduled jobs to update dashboards daily with cost savings opportunities.
- **Data Quality** – Developed validations (row counts, null checks, consistency checks) to ensure observability data matched billing data accurately.

Graduate Research Assistant — Data Integrations Engineer

Jan 2025 – May 2025

Cleveland State University, OH

- Designed ETL workflows (SSIS, Python) integrating academic systems with SQL Server and Snowflake; automated transformations for accuracy and timeliness.

- Developed data quality automation (validation queries, reconciliation checks) improving trust in institutional reporting.
- Delivered Tableau/SSRS dashboards for faculty and administration, enabling data-driven decisions; implemented governance controls aligned to policy.

Independent Data & Integrations Consultant

Jul 2023 – Dec 2024

K2K Hospitality Services, India

- Built and maintained data pipelines across finance and operations using SQL Server, Snowflake, and SSIS/Informatica.
- Created Tableau dashboards to visualize KPIs and compliance metrics; partnered with stakeholders to refine requirements.
- Tuned SQL and improved processes, reducing reporting delays by 30% and improving audit readiness.

Software Engineer (Data & Integrations Focus)

Apr 2020 – May 2023

Incentives Software Pvt Ltd, Hyderabad

- Led data migrations from Oracle to SQL Server and Snowflake; built optimized ETL transformations (SSIS/Informatica) cutting processing time by 35%.
- Managed and tuned databases for transactional and reporting workloads; delivered executive-level Tableau dashboards for KPIs and compliance.
- Developed Salesforce data flows and collaborated cross-functionally to improve reporting accuracy and governance.
- Mentored junior developers on SQL optimization and ETL best practices to uplift team delivery.

Education

MS, Information Systems — Cleveland State University, OH

B.Tech, Information Systems — JNTU Hyderabad, India

Certifications

Microsoft Certified: Data Engineer Associate • Tableau Desktop Specialist • Microsoft Certified: Azure Fundamentals