

PRAMUKH CHANDRA MOLUGU

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EDUCATION

Wilmington University

Master of Science in Information Systems Technologies

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science

Wilmington, DE, USA

May 2020

India

February 2014

TECHNICAL SKILLS

Programming Languages: SQL, Python

Libraries and Tools: Power BI (DAX, Power Query, Data Modeling), Tableau, ThoughtSpot, SSRS, SSIS, Excel (Power Query), Git, JSON, YAML, Pandas, Numpy

Data Platforms & Pipelines: Oracle, SQL Server, Trino/Presto, AWS S3, Databricks

WORK EXPERIENCE

Data Engineer/Analyst (Contract)

Comcast Corporation, Philadelphia, PA, USA

May 2025 – Present

- Partnered with product, marketing, and operations to define KPIs and answer OSS/BSS business questions by combining data across CRM, BPM, billing, and network systems, supporting 15 stakeholders.
- Built and maintained executive dashboards in ThoughtSpot/Power BI/Tableau for trend tracking and anomaly detection, publishing 12 KPI dashboards with daily and weekly refreshes.
- Automated extracts and validations via SQL + AWS S3 + Rundeck + JSON/YAML configs, reducing manual reporting effort by 30-40% (5-8 hrs/week saved).
- Developed Python scripts to automate data extraction, validation, and KPI reporting workflows across telecom OSS/BSS datasets, improving reporting reliability and data quality.

Data Analyst/SQL Developer

Skygen USA LLC, Menomonee Falls, WI, USA

January 2022 – March 2025

- Developed and scheduled SSRS reports (matrix, drill-down, cascaded, multi-value, subreports) using parameters/expressions, delivering 40 production reports for operations and client teams.
- Built complex T-SQL stored procedures and integrated business rules using SSIS ETL; improved performance through indexing/execution plan tuning, reducing runtime by 40-60% on heavy reports.
- Resolved reporting enhancement tickets using Azure/Service Desk, completing 25 tickets/month while validating inbound/outbound datasets and conducting QA peer reviews.

Business Intelligence Developer

EMR Metal Recycling, Camden, NJ, USA

July 2020 – December 2021

- Designed enterprise warehouse/reporting solutions using T-SQL, SSIS, SSRS, Tableau, and Azure reporting, enabling standardized analytics across 20 business functions/regions.
- Built scalable ETL/data movement pipelines using SSIS/replication/Data Factory, supporting 15 recurring feeds and improving reporting availability by 20-30%.
- Troubleshoot reporting/database performance by monitoring system health and applying SQL best practices, reducing recurring incidents by 25-35%.

Data Analyst

Adaequare, Hyderabad, India

July 2015 – December 2018

- Built ETL and reporting for healthcare claims/eligibility datasets; improved data integrity by 35% through validation rules and monitoring.
- Developed Tableau/SSRS executive dashboards and optimized SQL performance, reducing report runtime by 50%.
- Delivered ad-hoc extracts and stakeholder analysis using SQL/Excel/Power BI, handling 5-10 requests/week during peak demand.

PROJECTS

- ThoughtSpot Automated Export Pipeline (Rundeck → AWS S3 → Reporting)**, Built a Rundeck-driven export pipeline using JSON/YAML configs, scheduled jobs, and AWS S3 delivery, enabling automated KPI extracts with validation-ready outputs.
- Telecom Order Toast Trend Analytics (SQL + Power BI + ThoughtSpot)**, Developed trend reporting and dashboards using Trino/Oracle SQL + Power BI/ThoughtSpot, tracking impacted orders/toasts/accounts by day to support operations monitoring and anomaly detection.