PRAMUKH CHANDRA MOLUGU

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EDUCATION

Wilmington University   **Wilmington, DE, USA**
Master of Science in Information Systems Technologies   *May 2020*
Jawaharlal Nehru Technological University   **India**
Bachelor of Technology in Computer Science   *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%.
- Troubleshot 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.