

Siddardha Ari

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PROFESSIONAL SUMMARY

Cloud Data Engineer with 3 years of experience building scalable ETL/ELT pipelines and ensuring data quality across enterprise systems. Skilled in designing end-to-end data solutions using Azure Data Factory, Synapse Analytics, and SQL, while implementing comprehensive testing and validation frameworks. Strong Python and SQL expertise with proven ability to optimize pipeline performance, automate data validation, and translate business requirements into robust, well-documented data architectures. Adept at working independently and collaborating cross-functionally to deliver high-quality data solutions.

EDUCATION

Northeastern University	Toronto, ON
<i>Master of Professional Studies in Informatics, Cloud Computing (GPA: 3.78/4.0)</i>	<i>Sept. 2023 – Mar. 2025</i>
TKR College of Engineering and Technology	Hyderabad, IN
<i>B.Tech in Computer Science and Engineering</i>	<i>Aug. 2016 – Sept. 2020</i>

TECHNICAL SKILLS

Languages: Python, SQL
Cloud Platforms: Azure (Data Factory, Synapse, Data Lake, SQL DB, Databricks, Cosmos DB, Purview), AWS (EC2, Lambda, S3, Athena, Glue, Redshift)
Data Engineering: ETL/ELT Pipelines, Data Modeling, Data Integration, Data Governance (RBAC)
Data Quality & Testing: Data Validation, Quality Assurance, ETL Testing
Tools & Frameworks: Databricks, Delta Lake, Azure DevOps, Git, GitHub Actions, Airflow, FastAPI, Postman
Databases: PostgreSQL, MySQL, SQL Server, MongoDB
Other: REST APIs, Power BI, CI/CD, Performance Optimization, Monitoring & Observability, Documentation

EXPERIENCE

Wipro Limited	Chennai, IN
<i>Data Engineer</i>	<i>Mar. 2021 – Aug. 2023</i>
<ul style="list-style-type: none">– Designed and deployed end-to-end data pipelines using Azure Data Factory and Azure SQL Database, processing 200GB+ daily volumes and reducing data latency by 30% while ensuring 99.3% uptime during nightly ETL operations.– Built and optimized 80+ complex SQL queries for data extraction and validation across 15+ enterprise systems, implementing quality checks that improved data accuracy by 25% and reduced validation time by 35%.– Migrated and monitored GCSI enterprise application from on-premises to Azure, using Data Factory for orchestration and Synapse Analytics for scalable performance, enabling 24/7 availability and seamless cloud transition.– Developed 20+ Python automation scripts for data validation and transformation tasks, reducing manual testing effort by 60% and establishing reusable frameworks that improved overall pipeline reliability.– Tested and validated ETL transformation logic for 12+ data pipelines against business requirements, ensuring 99.5% data integrity and compliance with functional specifications across all transformations.– Optimized Azure data pipelines through query tuning and indexing strategies, reducing processing time by 13% and implementing performance monitoring to minimize system downtime and resolve critical issues proactively.– Applied data governance with Azure Purview and RBAC, documented comprehensive test processes.	
Sambhav Solutions	Hyderabad, IN
<i>Database Engineer</i>	<i>Oct. 2020 – Feb. 2021</i>
<ul style="list-style-type: none">– Developed and maintained PostgreSQL databases ensuring 99% data accuracy across 3 key business datasets, supporting dashboards accessed by 20+ analysts daily through optimized schema design.– Optimized SQL queries and indexing strategies, improving data retrieval performance by 30% and reducing average report generation time from 10 minutes to 7 minutes for critical business reports.	

CERTIFICATIONS

Microsoft Certified: Azure Data Engineer Associate (DP-203)
Microsoft Certified: Azure Fundamentals (AZ-900)