

Naresh Pochaveni

nareshpochaveni2112@gmail.com | St Louis, MO | 716-541-5411 | [github](#)

PROFESSIONAL SUMMARY

- Nearly 5 years of experience in data engineering roles, including optimizing ETL processes and developing data pipelines using technologies such as Snowflake, Azure Synapse, Apache Spark, and Python.
- Proven track record in conducting performance tuning and optimization of SQL queries, resulting in significant efficiency gains and cost savings, as well as enhancing data infrastructure reliability.
- Experienced in collaborating with cross-functional teams to design and deploy tailored data solutions, facilitating actionable insights and informed decision-making for diverse business use cases.
- Skilled in identifying and resolving data inaccuracies and implementing robust monitoring mechanisms, ensuring high data quality and compliance with industry standards, which has consistently improved reporting accuracy.

TECHNICAL SKILLS

- **Programming Languages:** Python, R Programming
- **Big Data/Cloud Technologies:** Apache Spark, Databricks, Snowflake
- **Azure Cloud Technologies:** Azure Databricks, Azure Data Factory, Azure Synapse Analytics, ADLS, Azure Data Factory, Blob Storage
- **AWS Cloud Technologies:** Amazon S3, EC2, Red Shift, AWS Lambda, DynamoDB
- **Data Visualisation Tools:** Power BI
- **Database and ETL Technologies:** SQL, PostgreSQL
- **Web Technologies:** HT ML5, CSS, JavaScript, Angular
- **Other:** JIRA, Agile Development, GitHub

PROFESSIONAL EXPERIENCE

Infinite Computer Solutions – Centene (Data Engineer)

Jan 2024 – Till Date

- Skilled in optimizing SQL queries for improved performance in Snowflake, utilizing indexing, clustering, and query profiling techniques to enhance query execution speed and resource utilization.
- Established robust monitoring and alerting mechanisms to proactively identify and address issues within the data infrastructure, ensuring high availability and reliability.
- Conducted performance tuning and optimization of SQL queries and data processing workflows, achieving significant efficiency gains and cost savings.
- Developed custom data models and schemas in Snowflake to support complex analytics requirements, optimizing for performance and scalability.
- Developed efficient ETL pipelines using Snowflake, Python, and SQL to streamline data extraction, transformation, and loading processes.
- Leveraged SQL for data querying and transformation, optimizing data retrieval processes.
- Collaborated with cross-functional teams to design and deploy data solutions tailored to specific business use cases, driving actionable insights and informed decision-making.
- Played a key role in enhancing the Extract, Transform, Load (ETL) process, resulting in improved data quality and reliability.
- Collaborated with data analysts to identify and resolve data inaccuracies for internal and external reporting purposes.

Vista Applied Solutions Group (Big Data Developer)

March 2023 – Jan 2024

- Successfully developed and optimized Extract, Transform, Load (ETL) processes, leveraging Azure Synapse for automated data extraction, transformation, and loading tasks, reducing manual intervention and enhancing efficiency.
- Implemented optimizations that reduced data processing time, resulting in a more efficient pipeline.
- Spearheaded the migration of legacy data systems to Azure cloud services, including Azure SQL Database, Azure Data Factory, and Azure Databricks, streamlining data management and analytics capabilities.
- Implemented data integration workflows using Azure Data Factory, orchestrating data movement and transformation across hybrid and multi-cloud environments.
- Maintained data pipelines using Python and SQL, integrating with Azure services to automate data ingestion, processing, and delivery.
- Implemented end-to-end data pipelines using Snowflake and Python, enabling seamless extraction, transformation, and loading of data from multiple sources into a centralized data warehouse.
- Owned and maintained a robust data pipeline to ensure daily accuracy and consistency within the database.
- Adept at designing and developing SQL databases, monitoring and optimizing performance, and ensuring data accuracy and security.

- Continually improved ETL workflows to accommodate evolving business needs and larger datasets.
- A Skilled in creating interactive and insightful visualizations using Power BI, transforming complex data sets into meaningful dashboards, aiding in data-driven decision-making.

Tata Consultancy Services, India (System Engineer)

Jun 2018 – Jul 2021

- Developed robust ETL (Extract, Transform, Load) workflows using Apache Spark, Apache Airflow, and Python, ensuring data accuracy and consistency.
- Implemented S3-based Data Lake architecture to accommodate diverse data types and sources, enabling advanced analytics and machine learning initiatives.
- Built real-time data processing pipelines using Amazon Kinesis Data Streams and Apache Kafka, enabling timely insights and actionable intelligence for business operations.
- Conducted performance optimization and capacity planning for data infrastructure on AWS, ensuring optimal resource utilization and cost efficiency.
- Optimized data storage and retrieval systems, reducing storage costs by 25% through the implementation of data partitioning and compression techniques.
- Analyzed key performance indicators (KPIs) to evaluate business performance, identified trends, and provided actionable insights for process improvements and strategic decision-making.
- Detail-oriented and thorough approach to work, ensuring accuracy and precision in data analysis and reporting.
- Built efficient data pipelines that extracted information from diverse sources and seamlessly integrated it into a secure, cloud-based data analytics platform.
- Implemented data security and compliance measures in accordance with industry standards and regulatory requirements, ensuring the protection of sensitive information and maintaining data privacy.
- Collaborated with DevOps teams to implement CI/CD pipelines for deploying and managing data engineering workflows, ensuring agility and reliability in the development lifecycle.
- Led the integration of various data sources, including databases, APIs, and streaming data, resulting in a unified data repository for analytics and reporting purposes.

AWARDS & INVOLVEMENT

Vice President - Education, TCS Toastmasters Club, Nagpur, India

Apr 2019 – Dec 2019

- Active in assigning meeting roles and in setting club agendas and goals and worked towards it.
- Worked as a primary Base camp Manager to monitor members to achieve their pathway goals.
- Managed club schedule planning and club meetings.

EDUCATION

State University of New York, Buffalo, USA

Feb 2023

Master of Science in Data Science

3.53 GPA

Relevant Courses: Python Programming, Query Language, Data Intensive Computing, Machine Learning