Sneha Samita
Lead Data Engineer

⊙ Eskilstuna, Sweden   ☎ +46 76 440 1327   @ snehasamita05@gmail.com   ⚭ https://www.linkedin.com/in/sneha-samita/
⚭ https://github.com/snehasamita05

Summary

Results-driven Data Engineer with 14+ years of experience in Data Warehousing, ETL, and cloud solutions, specializing in SQL Server, SSIS, Power BI and Azure. Designed and optimized data platforms, improving data accessibility by 40% and reducing reporting time by 35%. Strong expertise in building scalable, high-performance data pipelines using Azure Data Factory, Databricks, and Synapse Analytics.

Skills

Technical Skills

- Cloud & Big Data: Azure Data Factory, Databricks, Synapse Analytics, Azure Data Lake Storage
- Databases & ETL: SQL Server, T-SQL, SSIS, Data Warehousing, ETL Development
- Programming & Scripting: Python, PySpark
- BI & Reporting: Power BI, Tableau, SSRS
- DevOps & Deployment: CI/CD, Azure DevOps

Soft Skills

- Data Governance & Compliance
- Performance Optimization & Troubleshooting
- Cross-functional Collaboration, Process Automation
- Problem-solving & Analytical Thinking
- Stakeholder Communication

Experience

Wells Fargo
Lead Data Engineer
Bangalore
11/2019 – 10/2024

- Designed and implemented a **centralized data warehouse** on Azure, integrating data from multiple sources and improving data accessibility by **40%**, enabling faster and more informed decision-making.
- Optimized **data pipelines and ETL processes** using **Azure Data Factory, SQL Server, and SSIS**, reducing data processing times by **25%** and improving system reliability.
- Developed and enhanced **over 50 SQL Stored Procedures, SSIS packages, and Power BI dashboards**, increasing efficiency in **risk management reporting** and enabling self-service analytics.
- Built **interactive BI dashboards in Tableau and Power BI** for regulatory compliance, reducing report refresh times by **30%** and improving insights for risk analysis.
- Implemented **Azure Synapse Analytics and Databricks for big data processing**, leading to a **15% reduction in risk reporting time** and supporting regulatory compliance efforts.
- Provided technical mentorship, training team members on **Azure data services, SQL performance tuning, and ETL best practices**, resulting in a **20% improvement in development efficiency**.

Tata Consultancy Services
Senior Data Engineer
12/2010 – 11/2019

- **Led ETL processes for a star schema data warehouse** at Manpower Group RPO, improving data retrieval speeds by **40%** and enabling better analytics for business intelligence.
- Developed and improved **SSIS-based ETL pipelines** at the **Royal Bank of Scotland (RBS)**, reducing **data load times by 25%** and maintaining a **95% on-time ETL completion rate**.
- Led the development of **data visualization dashboards in Tableau and Power BI**, decreasing turnaround times by **30%** and improving business decision-making.
- Automated revenue processing at **Bank of America** by integrating **Data Mart solutions**, reducing manual intervention by **80%** and achieving a **100% daily load completion rate**.

Certifications

Certified Data Engineering DP-203
Microsoft Certified

Azure Fundamentals AZ-900
Microsoft Certified

Databricks Fundamentals
Databricks

Tableau Desktop Specialist
Tableau

Querying Microsoft SQL Server 2012 (70-461)
Microsoft Certified

Implementing a Data Warehouse with SQL Server 2012 (70-463) (70-463)
Microsoft Certified

Oracle Database SQL Fundamentals 1 (1Z0-051)
Oracle Certified

Education

National Institute of Technology, Jamshedpur
9.14
Master of Computer Applications (MCA)
2007 – 2010

Birla Institute of Technology, Mesra, Ranchi
8.81
Bachelor of Computer Applications (BCA)
2004 – 2007

Interests

Data Engineering | Advanced Analytics | Cloud Technologies | AI/ML for Data Processing | Team Leadership