

Hetraj Solanki

SENIOR DATA ENGINEER

Details

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Links

linkedin.com/in/hetraj-solanki/

Skills

Microsoft Office

Git

Python

SQL

Azure Data Factory

Azure Databricks

Azure SQL Database

Azure Blob Storage

Azure Data Lake Storage

Azure DevOps

Power BI

Agile

Profile

Experienced data engineer with 4 years of a strong background in designing, developing, and maintaining data infrastructure and pipelines for a Fortune 500 global food and confectionery company. My contributions were consistently recognized as being in the top 10 percent of the organization.

Employment History

Apperentice Leader, Mu Sigma Inc, Bengaluru

AUGUST 2019 – PRESENT

- Collaborate with cross-functional teams to understand business needs and translate them into technical data solutions
- Designed, developed, and maintained scalable data pipelines using Azure Data Factory, Azure Databricks, and Azure Data Lake, resulting in improved data integration and processing efficiency
- Implement ETL (Extract, Transform, Load) processes to extract data from various sources, transform it to meet business requirements, and load it into the data lake
- Utilize Azure Databricks to develop and optimize data processing workflows, including data cleansing, aggregation, and transformation
- Create and manage data models, schemas, and data dictionaries to ensure consistency and usability of data
- Perform data quality checks and implement data validation processes to identify and resolve data anomalies or issues
- Optimize data pipelines and processes for performance, scalability, and cost-effectiveness
- Work with data architects and infrastructure teams to design and maintain the data infrastructure, including data storage, compute resources, and data security
- Monitor and troubleshoot data pipelines, addressing any issues or bottlenecks promptly
- Followed agile development methodologies, participated in sprint planning, and used version control systems to manage the codebase and collaborate with the development team

Key Skills:

- Data pipeline development and optimization
- ETL (Extract, Transform, Load) processes and workflows
- Data modeling and schema design
- Programming languages: PySpark, Python, or SQL
- Big Data technologies: Hadoop, Apache Spark, Apache Kafka
- Cloud platforms: Azure
- Database systems: MySQL
- Data warehousing and dimensional modeling
- Data quality assurance and testing
- Performance tuning and optimization

Key Projects:

- Data Mesh
- Customer Email Automation
- Shared Data Services

Education

B.Tech in Electronics and Communications Engineering, Nirma University, Ahmedabad

MARCH 2015 – APRIL 2019