

Nilesh Shinde

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Professional Summary

Master in CS with 8+ years of experience in ETL/BI solution Building, Data Pipelines creation, Microsoft Azure cloud, Data analytics and Dashboard creation including development of ETL data model in various Domains. Currently working with **Iris Software, (Remote) India as Big Data Engineer**. Experience in Data Warehouse and Database with Sql and NoSql. Having exposure to project management, Reporting, Data analysis and technical mentoring. I am looking to work in a well-managed organization seeking Innovation and excellence with commitment.

Key Deliverables

- Creating Data pipelines using Azure Data Factory, Azure Synapse and Data bricks Notebook
 - Creating Streaming pipeline using Apache Kafka, Apache Storm and Spark Streaming.
 - Creating Ingestion Framework using Spark, Scala, HBase, Hive, Elastic Search, Apache Airflow
 - Creating Functional and Object-oriented Programming approaches using Scala and Python.
 - Created visually impactful Tableau dashboards for data reporting by using pivot tables. Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable Insights.
 - Design and develop ETL solutions using SQL and PL/SQL code between source and target.
 - Responsible for analyzing the needs of the business, and its customers and coming up with innovative solutions with the help of cutting-edge technologies.
 - Updating Error / Suggestion documenting, tracking, and communicating bugs, enhancements, and unresolved problems to Product Owner.
 - Automated Utilities from Unix Shell Scripting and Stored procedures.
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Technical Skills

Data Structure and Algorithms, Problem Solving, Scala, Core Java, Python, Apache Spark, Spark Streaming, Pyspark, Kafka, Hive, Hbase, Cassandra, Elasticsearch, Snowflake, Microsoft Azure Cloud, Data Factory, Azure Synapse, Data bricks, Data Warehousing, Apache Storm, Apache Airflow, Jenkins, Docker, Kubernetes, Devops, Tableau

Work Experience

Iris Software

Senior Engineer, Remote

09/2021 - Present

- Working as Lead to Implement Anti Money Laundering Framework for Banking Client.
- Working on Requirement gathering and data modeling to represent the data to the downstream applications.
- Implemented Business rule transformation using Pyspark and sql.
- Worked on Migration of Existing HQL data ingestion scripts to Pyspark Code.
- Working with Data scientists and machine learning experts to build the data model.
- Working on extending the framework features and scope on a regional level.
- Created Data Validation framework for testing once data travel from Source to Destination.
- Scheduling pipelines through Airflow.

Tech Mahindra

Senior Data Engineer, Pune, India

01/2019 - 08/2021

- Worked on migration of existing on-premise Spark 1.6 data pipelines to Microsoft Azure Cloud.
- Created batch processing data pipelines using a Data Factory, Synapse, and Data bricks notebook.

- Created link services to pull the data from different databases and store it in Azure delta tables.
- Created CI/CD pipelines using Jenkins.
- Moving data inside and outside azure Cluster through Azures Activities.
- Worked on optimization of Data factory Pipelines.
- Worked on Azure delta tables optimization.
- Written pyspark code for data processing.
- Used BMC Control M for Job Scheduling.

Zensar Technologies

Software Engineer, Pune, India

12/2013 - 12/2018

- Data Profiling, Cleansing, and Transformation of Structured and Semi-Structured data using Spark Core.
- Designed Batch and streaming data pipeline and its Architecture to acquire data from different locations and formats into Hadoop.
- Creating a near real-time streaming dashboard using Kafka, Spark Streaming, Elastic Search, and Kibana Dashboard.
- Worked on spark job optimization.
- Used Different file formats like Avro, JSON, ORC, and Parquet as per the data storage need.
- Written hive UDF to extend the HQL support for data extraction.
- Implemented ETL using SQL and PL-SQL.
- Worked on Shell scripting for Spark Job Scheduling.

Social Connect

- [Linked In](#)
- [Git Hub](#)
- [Stack Overflow](#)

Languages

English

Education

Master of Computer Application

Sinhgad Institute of Business Management