

ABHISHEK SHELKE

DATA ENGINEER

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Objective

A Professional with 3+ years of experience in IT Industry As Developer using Big Data Technologies like Apache Spark and Hadoop Ecosystems . I strive to be a Data Engineer for which seeking a position to utilize my skills and abilities in IT industry which offers professional growth while being resourceful, innovative and flexible.

Profile Summary

- Good understanding of Spark Architecture including spark-SQL, RDD, DataFrame, Driver & Worker Nodes, Stages and Tasks and the Execution.
- Having experience on Spark using Python API and Spark-SQL for data Extraction, Transformation, and Aggregation from multiple file formats to customer usage patterns.
- Hands on experience on Web based Platform for Spark Data Analytics with Databricks and AWS EMR.
- Also used PyCharm Editor for PySpark programming and SQL workbench, SQL Developer for SQL based queries.
- Experience on Data Cleaning, Handling bad records, Validating Data, applying Transformations and loading data into Landing.
- To sound with Knowledge of Relational Databases like Oracle , MySQL.
- Good Knowledge in AWS cloud technologies like EC2, EMR, IAM, S3 and RDS which provides fast and efficient processing of Big Data.

Technical Skills

➤ Data Engineer Technologies

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|-----------------|-----------|
| • Apache Spark | • PySpark |
| • Apache Hive | • HBase |
| • Apache Hadoop | • Phoenix |

➤ Programing Language

- | | |
|----------|-------|
| • Python | • SQL |
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➤ Cloud/Web Technologies

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|--------------------------------|-----------------------|
| • AWS (EC2, EMR, IAM, RDS, S3) | • Databricks Platform |
|--------------------------------|-----------------------|

➤ RDBMS

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|----------|---------|
| • Oracle | • MySQL |
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➤ Secondary Skills

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|--------------------------------|----------------|
| • Unix/Linux | • Apache Sqoop |
| • PowerBI | • MS-Office |
| • AWS : Glue, Lambda, Redshift | |

Education

Bachelor of Engineering (67%) : MGM's JNEC, Aurangabad (2011-2015)
Dr. BAMU, A'bad, Maharashtra.

HSC (60%) : Shivchhatrapati College, Aurangabad (2011)
Maharashtra State Board.

SSC (88%) : Saint Meera School, Aurangabad (2009)
Maharashtra State Board.

Work Experience

Icorx Services Pvt. Ltd, Aurangabad 07/2019 to Present
(Data Engineer)

Project 1: Data Analytics for Retail Domain 04/2021 to 09/2022

- Retail stores, serving the customers worldwide with a range of products.
- These stores generate the sales data at their POS (Point of sale) & get pushed into the big data pipeline for cleaning, validation & processing for Business analysis.
- Load data from sources Systems to AWS S3 and processing the data using Databricks.
- Responsible to write job using Spark-SQL for data Extraction, Transformation, and Aggregation from multiple file formats for analyzing the data to uncover insights into the customer usage patterns.
- Cooperate diligently with other IT team members to plan, design, and develop smart solutions.

Environment: Databricks, Apache Spark, Python, Spark-SQL, AWS S3

Project 2: Enterprise Data Warehouse Analysis 03/2020 to 01/2021

- Written spark jobs (Python API) to extract records from landing.
- Import and export batch data and delta into Phoenix (Hbase) and Hive using PySpark.
- Involve in creating Hive tables, loading with data and writing Hive queries.
- We have to filter data and perform multiple operations in order to get meaningful insights that will help the client in decision making and analysis.

Environment: PySpark, AWS EMR, Hive, HBase, Phoenix

Deepak Kulkarni Consultants, Nashik 02/2016 to 01/2019
(Asst. Structural Engineer)

- 3D modeling of Structures in STAAD PRO, apply loading as per ISI Codes.
- Analysis and Design of a Structural Members, giving Inputs for drawing preparation.
- Periodic Site Visits and Inspection.
- Coordination with Architect & Client.
- Proof Checking of Design Calculations.

Environment: Staad-Pro, AutoCAD, MS-Excel, ISI codes

Declaration

I hereby declare that the above given information is true and to the best of my knowledge.

Abhishek A. Shelke