

Niharika Marella

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Profile Summary:

- Overall, having about 3 years of work experience in as a Big Data Engineer at Cognizant Technology solutions.
- Hands on experience in MYSQL and well facilitated with using window functions and all kinds of aggregate and type conversion functions.
- Hands-on experience in UNIX and HDFS commands.
- Basic knowledge in software development life cycle (SDLC) phases.
- Experience in Apache spark and Hadoop.
- Hands-on experience in working with Hive DDL, DML queries and partitioning, bucketing, joins and aggregations.
- Experience in Sqoop for Importing and Exporting data from RDBMS to HDFS and from HDFS to RDBMS.
- Knowledge in Apache Hadoop Architecture to store and process data and in Apache YARN resource manager of scheduling jobs and assigning resources.
- Knowledge and experience in Python.
- Working experience on tools like Hue, Cloudera Manager and Autosys and Zeppelin.
- Highly involved in client meetings to understand the expectations/requirements and data analysis to summarize current business and projecting future scope.

Employment History:

Working as an Associate at Cognizant Technology Solutions from Nov 2019 to till date.

Technical Skills:

- Programming Skills : SQL, Python
- Database Technologies : Big Data, Hadoop, Hive, HDFS, Yarn, Spark, Sqoop
- Tools : Cloudera VMWare, MySQL Workbench, Python IDLE
- ETL Tool : Hue, Stream Sets
- Job Scheduling Tool : Autosys, Cloudera Manager
- Platforms : Windows, Linux
- Server Tools : Putty, WinSCP

Project: RBS_GBP_BLR

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|---------------|-----------------------------------------------------|
| Team | : Big Data Team |
| Client | : Royal Bank of Scotland (RBS) |
| Role | : Big Data Developer |
| Technologies | : Hadoop, Hive, SQL, Spark, Python |
| Project Tools | : Cloudera Manager, Hue Editor, Autosys, S3 Browser |
| Duration | : Jan 2021– till date |

Description:

Royal Bank of Scotland is a major retail and commercial bank based in the UK, Scotland. It is one of the retail banking subsidiaries of NatWest Group which serves 19 million customers predominantly. Natwest have three customer franchises, each of which caters specific segment of our customer base. Our franchises are then underpinned by a wide range of distinct brands (RBS, Ulster and Natwest), which are the route through which we engage with our customers. Supporting its franchise colleagues are our functions and services teams.

Responsibilities:

- Analyzing the requirements and developing the assigned tasks.
- Involved in moving files generated from source to target for further processing using Hive /Spark.
- Involved in creating tables, loading data and writing hive queries that will run internally in a Map Reduce way.
- Used Hive optimization techniques like Partitioning, Bucketing, Aggregations and Joins.
- Using Sqoop to extract the data from source to HDFS for business reporting.
- Involved in analysis and processing of data using tools like Hive, Python.
- Involved in working with Transformations and Actions using SparkSQL/Python
- Working with various file formats like Parquet and ORC file.
- Involved in creating Dataframes and reading the data using Dataframes.

Key Skills and attributes

- Strong Analytical, problem solving and Organizational skills.
- Excellent communication and coordination skills.
- Adaptability to new technologies and skills.
- Good Team member and often been leader.

PERSONAL DETAILS

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|--------------------|----------------------------------------------------|
| • Father's Name | : Ramesh M |
| • Date of Birth | : 27-12-1997 |
| • Languages known | : English, Telugu |
| • Higher Education | : BTech (Computer Science and Engineering - 78%) |
| • Relationship | : Unmarried |
| • College | : PBR Visvodaya Institute of Technology & Science. |

Declaration:

I, Niharika hereby declare that the above mentioned details are true up to my best knowledge.

Your sincerely,

M.Niharika