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| **Prashanthi Reddy**  **Big Data Engineer**  **Mobile no:** **+91 7993711409| shanthirdy9@gmail.com**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Summary:**   * **5.9 years of IT experience with 4.9 years of experience in Hadoop, Spark, Hive, Scala**   **and Cassandra.**   * Developing Spark applications using programming language **Scala** * Good hands-on experience in **Cloudera Hadoop** ecosystem and its components such as **YARN and Hive** * Experienced in using **Spark to load Data to various targets like MSSQL, MYSQL and other RDBMS.** * Have written programs in **Spark & Scala for various Transformations on RDD’s and Data Frames.** * Knowledge in job workflow **scheduling and monitoring tools like Oozie**. * Proficient in **development methodologies such as Agile.** * Hands on **experience in building UNIX shell scripts** and analysis shell commands in practice. * Experience in **importing and exporting data using SQOOP from Relational Database Management Systems to HDFS and vice-versa**. * Extensively used **ETL methodology for performing Extraction, Data Profiling, Transformation and Loading using Spark Core and Spark SQL.** * Worked with **CSV, Excel, JSON, Parquet, XML, JDBC, Cassandra and REST Data Sources**. * Worked **various file formats like ORC File, Parquet File, Sequence File as part of Hive & Spark SQL Processing.** * Extensive experience in using Cognos 8.x and Cognos 10(Framework Manager, Report Studio, Analysis Studio, Metric Studio, and Query Studio) * Extensive experience in Analysis, Design, Development, Testing and Implementation of Business Intelligence applications using Cognos application developer.     **Technical Skills:**   |  |  | | --- | --- | | Hadoop/Big Data | Hadoop, Spark, Hive, YARN, Pig, Sqoop, kafka | | Programming languages | Scala, C, C++ | | Scheduling Tools | Oozie | | IDE’s | Eclipse, IntelliJ Idea, SQL Developer | | NoSQL Database | Cassandra, HBase | | Reporting Tool | Cognos | | Data base | MSSQL,MySQL, Oracle, Teradata | | Other Tools | Agile,WinScp,Putty,Control-M,Openshift |   **Project #1**  Project Name    : IFRS9  Client : Barclays  Role : Bigdata Developer  Environment : Spark, Scala, Hive, IntelliJ, Git hub, oozie, Hue.  **Description:**  IFRS9 was implemented recently in 2018. Before that the companies used to follow BASEL standards. So, when the company started getting losses from the customers by giving the loans then they wanted to include new rules. As a part of that IFRS9 was introduced to stop losses.  **Responsibilities:**   * Involved in gathering the requirements, designing, development and testing. * Have done Scala code changes according to the business requirement. * Involved in products data injection into HDFS using Spark. * Handled importing of data from various data sources from MySQL into HDFS vice-versa using Sqoop. * Involved in creating Hive tables, loading with data, and writing hive queries which run internally. * Written Hive queries for data analysis to meet the business requirements. * Coordination with Onshore team to keep synchronized all project activities. * Responsible for the end-to-end reconciliation of Data Migration using Spark. * Responsible for development of modules to generate Qualitative and quantitative reports analyzing data between flat files, Hive tables, and Hive. * Preformed Data Quality checks for extract files by developing Spark applications. * Extensively worked on Domain Specific language, report testing and data validation.   **Project #2**  Project Name    : Tetra Data Migration  Client : T-Mobile  Role : Data engineer  Environment : Spark, Scala, Hive, Cassandra, Eclipse, Git hub  **Description:**  T-Mobile US, Inc., commonly shortened to T-Mobile, is a United States-based wireless network operator. It is the third largest wireless carrier in the United States with 81.3 million customers. Tetra Data Migration aims at migrating existing data in SAP to Cassandra using Spark.  **Responsibilities:**   * Implemented data migration transformation logics based on business requirement using Data Frames. * Written Ad Hoc queries using Spark SQL to analyze flat files, hive tables etc. * Developed programs using RDDs and Data Frames to detect malformed records from source extracts. * Responsible for the end to end reconciliation of Data Migration using Spark. * Responsible for development of modules to generate Qualitative and quantitative reports analyzing data between flat files, Hive tables, and Cassandra. * Preformed Data Quality checks for extract files by developing Spark applications. * Used Spark data frames extensively for processing the data and storing into HIVE tables. * Developed UDFs and UDAFs to generate and compare frozen list fields using Spark and Scala. * Extensively worked on Doman Specific language   **Project #3:**  Project Name    : Unified Data Migration Framework (UDMF) 2.0  Client : Tech Mahindra  Role : Data Engineer  Environment : Spark, Scala, Hadoop, Hive, MySQL  **Description:**  Unified Data Management Framework, or UDMF, is an end-to-end Data Management platform from the Data and Analytics competency of Tech Mahindra. It is a proven platform for Data Migration, Data Quality and Governance management and for implementing a Revenue and Margin assurance framework. **Responsibilities**:  * Developed extraction modules to connect to various data sources like Oracle, MySQL, CSV, JSON, Parquet, XML, Excel and Cassandra etc. * Developed functions to handle delta migrations. * Developed Generic data quality check rules in Spark SQL. * Developed functions to load data to different target systems. * Extensively worked on Doman Specific language.   **Project #4:**  Project Name    : Callidus EIM (Enterprise Incentive Management System)  Client : HSBC  Role : Cognos Developer  Environment : CallidusTrue Comp suite, Informatica, Cognos, Oracle 10g  **Descriptiopn:**  The system covers the 3 main modules. Integration, Compensation and Reporting. Was part of Reporting module, that relies on True Information to provide a hub of compensation-related information by extending the benefits of True Comp to the desktop of every incentive compensated individual in the enterprise. **Responsibilities:**   * Creating Design documents and test case documents. * Analyzing, designing, and developing reports. To write test cases for the reports. * To do unit testing once a report is developed. * To fix any discrepancies between the mockup reports and the developed reports. * To fix any bugs identified while unit testing. * Responsible for the Knowledge sharing to the team after solving a critical or logical Bug, since it would be very useful for an Offshore based Team. * Responsible for Communicating with the onsite to take decision while fixing any Business perspective bugs in any of the modules. * Responsible to release & clear Internal QA for all the fixed bugs by me. |
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