KASARLA SAI TEJA

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# Profile Summary

* **Having 4.9 years** of experience in designing, developing, and maintaining large business applications such as data migration, integration, conversion, and Testing.
* **Having nearly 3 years** of experience working in **Hadoop Ecosystem,** design/developing applications.
* Domain experience includes **Retail,** **Telecommunications, and Insurance**
* Exposure in design and development of solutions for Big Data using the Hadoop eco system technologies (**HDFS, Hive, Sqoop, Apache Spark**)
* Worked extensively on Hadoop migration project and POCs.
* Worked extensively on Message queuing tools like **Kafka** and have knowledge on **No SQL** databases like **Cassandra.**
* Hands on experience on Data ingestion tools like **NIFI**.
* Capable of processing large sets of **Streaming data.**
* Brought in simplification process and Optimization initiatives to bring efficiency into applications.
* Having experience in setting up cluster and deployment in **AWS EMR.**
* Worked in **Agile Methodologies.**
* Have good problem solving and analytical skills and love to innovate to perform better.
* Have strong Interpersonal skills, communication skills and people skills to manage a team.

Technical Expertise

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| ***Languages /Tool*** | ***Technical Expertise*** |
| Hadoop Eco System | Hadoop 2.7.0, Sqoop-1.4.6, Hive-1.1, Apache Spark 1.6.0, Apache Spark 2.2.1, Kafka 0.11, Nifi 1.0 |
| Distribution | Cloudera CDH 4.0.X and 5.0.X |
| Databases | MS SQL Server, My SQL |
| Cloud | AWS |
| No SQL Databases | Cassandra 3.11.1 |
| Languages | Scala, SQL, UNIX Shell Script |
| Operating Systems | Linux, Cent OS, Windows |

# Projects

**Project 1:**

Organization : Ivytel Technologies Pvt Ltd.

Client : AAA Teleshopping

Role : Big Data Developer

Project : Ecommerce

Duration : Nov 2020 – Present

**Responsibilities**:

* Performed **Import and Export** of data into **HDFS and Hive** using **Sqoop** and managed data within the environment.
* Involved in handling streaming Data from **Kafka** .and processing it in **Spark.**
* Was responsible for **Optimizing Spark SQL** queries that helped in saving Cost to the project.
* Handled streaming data using both **Spark streaming and Spark structured streaming** APIs.
* **Managed Kafka Consumption** in an optimized way for a better performance.
* Exported necessary spark Jars to run in the cluster.
* Involved in working on the Data Analysis, Data Quality, and data profiling for handling the business that helped the Business team.
* **Loaded and transformed** large sets of semi structured data likes **CSV, JSON, Avro**.
* **Code** & **peer review** of assigned task. Unit testing and Bug fixing.

**Technologies**:  Hadoop, HDFS, Hive, Sqoop, Spark, Scala, Spark SQL, Spark Streaming, Kafka.

**Project 2:**

Organization : Ivytel Technologies Pvt Ltd.

Client : FCA

Role : Spark Developer

Project : WIS – Vehicle Insurance

Duration : July 2019 - Oct 2020

**Responsibilities**:

* Performed **Import and Export** of data into **HDFS and Hive** using **Sqoop** and managed data within the environment.
* Involved in handling streaming Data from **PostgreSQL** .and processing it in **Spark.**
* Was responsible for **Optimizing Spark SQL** queries that helped in saving Cost to the project.
* Exported necessary spark Jars to run in the cluster.

**Technologies**:  Spark, Spark SQL, Scala, Postgre SQL, AWS.

**Project 3:**

Organization : Ivytel Technologies Pvt Ltd.

Client : MN Telemart

Role : Hadoop Developer

Project : Retail Management Facilities

Duration : May 2018 – June 2019

**Responsibilities**:

* Performed **Import and Export** of data into **HDFS and Hive** using **Sqoop** and managed data within the environment.
* Involved in **creating Hive tables**, **data loading** and writing **hive queries**.
* Was responsible for **Optimizing Hive** queries that helped in saving Cost to the project.
* **Managed Hive Tables** and created child tables based on partitions.
* Involved in working on the Data Analysis, Data Quality, and data profiling for handling the business that helped the Business team.
* **Loaded and transformed** large sets of semi structured data.

**Technologies**:  Hadoop, HDFS, Hive, Sqoop, Cloudera CDH.

**Project 4:**

Organization : Ivytel Technologies Pvt Ltd.

Client : US chain of Pharmacies

Role : Software Developer

Project : Healthcare

Duration : August 2016 – April 2018

**Responsibilities**:

* Take requirements from the clients using Agile methodology to see if we need to break the requirements further and the time required to complete the iteration.
* Created and Modified stored procedures in Back End in Sybase to have business logic keep there to improve performance. Also prepared simple and complex queries for reports.
* Created Database Objects and added columns to the existing tables and send that for database to be released and applied to the server.
* Created Power Builder objects as an enhancements project from the client.
* Did work on the support issues related to client urgent requirement.
* Done the unit testing for the support issues and enhancement issues.

**Technologies**:  Power Builder 9, Power Builder 11.5, Sybase 12, SQL Server2014, SQL Server 2017.