PROFILE DETAILS

Mobile Number: **91- 9500 00 2037**

Email: **bigdatavj@gmail.com**

LinkedIn:

https://www.linkedin.com/in/vijayarajanp

SKILL SET

PROGRAMMING LANGUAGES
Scala/Spark

Hadoop eco system:
HDFS
Hive
Impala
Kudu
Kafka
Sqoop

NO-SQL:
Elastic search

Database:
MS SQL Server 2008R2, 2014
mySQL

ETL: Talend

Cloud: AWS

Tools:
Git
SVN

SCHOLASTICS

BCA
Duration: Jun 2010 - Mar 2014
DB Jain College,
Chennai, India

DIT
Duration: Jun 2007 - Mar 2009
ADJ Dhramambal poly tech college,
Nagapattinam, Tamil Nadu, India

RESIDENTIAL ADDRESS

No-248, 8th Cross Street,
Mangala Nagar, Porur,
CHENNAI – 600116, TAMIL NADU, INDIA

Date of Birth: 05 March 1990

Linguistic Proficiency:
Tamil, English

Vijayarajan P

Hadoop Developer having good Experience and understanding of distribution file systems of Big Data and its Ecosystems. Technical expertise in transforming humongous data into vital information to serve the necessities of clients/customers associated with the organization.

SYNOPSIS

- Total Experience: 8+ years; Hadoop eco system: 4+ years

- In depth knowledge and experience in **Hadoop Architecture** and various Hadoop daemons such as **Name Node, Data Node, Secondary Name Node, Resource Manager, Node Manager** and High Availability.

- Experience in usage of Hadoop distribution Cloudera 5.13 (CDH 5)

- Hands on experience on various big data application phases like data ingestion, data analytics.

- Expertise in using **Spark-SQL** with various data sources like **JSON, parquet** in **HIVE**.

- Migrating the code from **Hive** to **Apache Spark** and **Scala** using **Spark SQL, RDD**

- Developed Hive Queries to parse the raw data, populated **external & managed tables** and store the refined data in partitioned external tables.

- Improvising the tuning options using HIVE functions such as **Partitioning, Bucketing , Index, CBO** etc.

- Experience in transferring data from **RDBMS** to **HDFS** and **Hive** using **SQOOP**.

- Good understanding of processing streaming data using **Kafka** and **Spark**.

- Created Kafka topics with appropriate replication and partition.

- Experience in NoSQL Document database **Elastic Search.**

- Good experience RDBMS like **mySQL**, **MS SQL Server 2008R2 and 2014**

- Good knowledge in reporting tool **Tableau**

EMPLOYMENT SCAN

Aug 2019 - Present Principle software engineer,Maveric Systems Ltd, Chennai

Oct 2014 - Present Senior Database Administrator, Photon interactive Ltd, Chennai

Jun 2013 - Sep 2014 Data Analyst, HCLTechnologies Ltd, Chennai

Jan 2012 - Mar 2013 Process Associate, First Source Ltd, Chennai

Dec 2010 - Oct2011 Executive - DB Building, Agnite Education Ltd, Chennai

Photon interactive pvt Ltd, Chennai

Responsibilities:

- Designed Hive repository with external tables, internal tables, buckets, partitions , ACID property ,UDF and ORC compressions for incremental data load of parsed data for analytical operational dashboards.

- Implemented Spark using Scala for faster data processing.

- Used Impala for querying HDFS data to achieve better performance.

- Worked various HDFS file formats like Avro, Parquet and TextFile.

- Used Spark-SQL to Load JSON data and create schema RDD and loaded into Hive tables and handled structured data using Spark-SQL.

- Load data into Spark RDD and do the computation in memory to produce output.

- Handled heterogeneous data sources such as RDBMS, Streaming data and different file formats.

- Involved in devising data migration strategy from heterogeneous databases such as RDBMS, MS SQL Server integrating shell scripts, Sqoop

- Experienced in developing Hive Queries on different data formats like Text file, CSV file, Log files and leveraging time based partitioning yields improvement in performance using HiveQL

- Created Hive external tables for the data in HDFS and moved data from archive layer to business layer with hive transformations.

- Performed Data enrichments such as filtering, pivoting, format modeling, sorting and aggregation using Hive and Pig tools.

HCL Technologies, Chennai

Softwares used   : SQL SERVER 2008 R2, SSIS, Ms-Access, Ms Excel

Responsibilities

- Interacted with Team and Analysis, Design and Develop database using ER Diagram, Normalization and relational database concept.

- Created Stored Procedures, Triggers, Functions, Indexes, Views, Joins and T-SQL code for applications.

- Managed indexes, statistics and optimized queries by using execution plan for tuning the database.

- Responsible for performance tuning and Optimization of stored procedures using SQL Profiler and Database tuning wizard. Creating Database Maintenance Planner for the Performance of SQL Server, which covers Database Integrity Checks, Update Database Statistics and Re-indexing.

- Created Business-Crucial stored procedures and functions to support efficient data storage and manipulation

- Developed SSIS Packages to import and export data from MS Excel, SQL Server

- Using linked server to get the data from Ms-Access and flat files.

- Assisted with various ad hoc query requests.

- Creating and automating the regular Jobs

- Created Alerts for successful or unsuccessful completion of Scheduled Jobs.

First source Ltd, Chennai

Softwares used   : SQL SERVER 2008 R2, SSIS, Ms-Access, Ms-Excel

Responsibilities:

- Involved in Design, Development and testing of the system

- Developed SQL Server Stored Procedures, Tuned SQL Queries(using Indexes and Execution Plan)

- Developed User Defined Functions and created Views

- Created Triggers to maintain the Referential Integrity.

- Interaction with customer for gathering Requirements and critical issues

- Involved in Email configuration and troubleshooting in SQL Server

- Performance tuning and monitoring and written Consistency Queries

Agnite Education Ltd, Chennai

Softwares used   : SQL SERVER 2008 R2,Ms-Excel

Responsibilities

- Created new database objects like Procedures, Functions, Indexes and Views using T-SQL in SQL Server

- Developed and implemented database and coding standards, improving performance and maintainability of corporate databases

- Managed user access and Created new security accounts

- Created design approach documents and suggesting different approaches

- Involved in deployment and code maintenance.

- Coordinating post-implementation events such as testing