**Venkata Vikranth Eluri**

Hadoop Developer | eluri.vikranth@gmail.com | (703)-689-1189

*Seasoned Database Developer with extensive experience in implementing Big Data solutions, Big Data Analytics and design & Implementation of database applications*

**PROFESSIONAL SUMMARY**

* Over 5 Years of experience in the IT industry including 3+ years implementing Big Data solutions and Big data analytics in Ecommerce, Education Financials and Healthcare domains
* Proficient skills in Hadoop Ecosystem with hands-on experience implementing Hadoop Technologies such as HDFS, OOZIE, SQOOP, Impala, Flume, MapReduce, Pig & Zookeeper, Hive. Implemented solutions include:
	+ Developed Map Reduce jobs in Hive & Pig
	+ Used Hadoop ecosystem components to Load and transform large sets of structured, semi-structured and unstructured data along with exporting data into Tableau using Live connection.
	+ Created databases, tables and views in HIVEQL, IMPALA and PIG LATIN.
	+ Developed Proof of Concepts on Hadoop stack and different Big Data analytic tools along with migration from different databases (Oracle, MySQL etc.) to Hadoop.
	+ Used OOZIE to define and schedule the jobs.
* Extensive experience in using Tableau & Quickview Reporting Tools.
* Working knowledge of techniques like Sentiment Analysis.
* Good experience in implementing NoSQL databases like MongoDB, Cassandra & HBase and working with different data sources including Flat files, XML files and Databases
* Proficient in all flavors of Hadoop including Cloudera, Hortonworks & MapR.
* Extensive experience in design and development of database applications in Oracle 12c/11g/10g using SQL and PL/SQL
	+ Extensively used PL/SQL to build Oracle Packages, Stored Procedures, Functions, Triggers, Views and Cursors for processing data.
	+ Worked on advanced PL/SQL constructs like Oracle supplied packages, Nested Tables, Varrays, Records and Types.
* A team player with good Analytical, Communications and Interpersonal skills and a proven ability to work on multiple projects under tight deadlines

**WORK EXPERIENCE**

Big Data/Hadoop Developer, Lilly Research Laboratories, Indianapolis, IN Mar 2017– Present

**Responsibilities:**

* Installed and configured Hive, Pig, Hbase and Sqoop on the Hadoop cluster and created hive tables to store the data in a tabular format.
* Used Sqoop scripts to setup the interaction between Hive and vertica.
* Involved in processing data into HDFS by developing solutions and analyzed the data using Map Reduce, Pig and Hive to produce results from Hadoop to downstream systems.
* Involved in writing Map Reduce code to customize the data from various sources and storing the customized data into Hbase and Hive.
* Involved in loading and transforming large sets of Structured, Semi Structured and Unstructured data and analyzed them by executing Hive queries and Pig scripts.
* Used Scala and Spark-SQL to develop spark code for faster processing, testing and performed complex Hive queries on Hive tables.
* Used Pythons scripts to schedule Oozie workflow at regular intervals.
* Involved in transferring the data to RDBMS servers using Sqoop and processes the data for ETL operations.
* Optimized the Hive tables using partitions and bucketing techniques.
* Used Hadoop with the AWS EC2 using certain instances to gather and analyzing the data log files.
* Created partitioned tables and loaded data using both static and dynamic partitions.
* Involved in writing customized spark programs in scala to analyze and transform the unstructured data.
* Involved in performing transformations using Hive and Map Reduce, Importing data from various data sources.
* Involved in loading data that is extracted from Oracle into HDFS using Sqoop.
* Used POC to transfer Map Reduce jobs into Spark RDD transformations using Scala.
* Involved in Cluster maintenance, Cluster Monitoring, Troubleshooting, Manage and review data backups and log files.

**Environment:** HDFS, Map Reduce, Hive, Sqoop, Pig, Flume, Vertica, Oozie Scheduler, Java, Shell Scripts, Teradata, Oracle, HBase, Mongo DB, Cloudera, AWS, JavaScript, JSP, Kafka, Spark, Scala and ETL, Python.

Hadoop /Tableau Developer, Basis Inc, Sterling, VA May 2016 – Feb 2017

**Responsibilities:**

* Worked with Data Science team to gather requirements for various data mining projects.
* Responsible for development of Pig (involving UDF's) scripts & Map-Reduce programs for data cleansing and application of business logic.
* Led Hadoop projects that processed millions of records of text data. Developed Simple to complex MapReduce Jobs using Pig and Hive.
* Involved in the development of Hive/Impala scripts for extraction, transformation and loading of data into other data warehouses.
* Utilized Hue UI for viewing output of Hive queries.
* Led teams in loading data from LINUX file system to HDFS.
* Responsible for managing data from multiple sources.
* Extracted files from Oracle through Sqoop and placed in HDFS.
* Created views in Tableau Desktop that were published to internal team for review and further data analysis and customization using filters and actions.

**Environment:** Cloudera CDH4 Hadoop, Flume 1.5, Hive, Impala, MySQL, Tableau Desktop 7.x.

Hadoop Developer, Genpact, Hyderabad, INDIA May 2013 – June 2014

**Responsibilities:**

* Load and transform large sets of structured, semi structured data using hive.
* Developed Hive queries for the analysts.
* Managing and scheduling Jobs to remove the duplicate log data files in HDFS using Oozie workflows.
* Developed multiple MapReduce jobs to perform data cleaning and preprocessing.
* Designed HIVE queries & Pig scripts to perform data analysis, data transfer and table design.
* Involved in creating Hive tables, loading data and running hive queries in those data.
* Extensive Working knowledge of partitioned table, UDFs, performance tuning, compression-related properties, thrift server in Hive.
* Used Hive to find correlations between customer's browser logs in different sites and analyzed them to build risk profile for such sites.
* End-to-end performance tuning of Hadoop clusters and Map Reduce routines against very large data sets.
* Monitored Hadoop cluster job performance and performed capacity planning and managed nodes on Hadoop cluster.
* Performed Java web application development using J2EE and Net beans.
* Developing software architecture using J2EE.
* Expertise in working in agile environment.
* Created Hive Generic UDF's to process business logic that varies based on policy.
* Creating Hive tables, loading with data and writing Hive queries which will run internally in Map Reduce way.

**Environment:** HDP 2.3.4, Hadoop, UNIX, Shell Scripting, Oracle 11g, J2EE, Net Beans, Java, Scala, JavaScript, XML, Eclipse IDE.

Oracle PL/SQL Developer, Jayam Solutions, Hyderabad, INDIA Jan 2012 – Apr 2013

To monitor all field level activities of the Business Correspondents of YES Bank, JAYAM implemented a Tablet based technology solution.

**Responsibilities**:

* Involved in the analysis of system and business requirements.
* Developed complex SQL queries for generating reports of various modules involving Fee Processing, CSR and Management.
* Involved in analyzing and validating the data that migrated from the old system to highly relational database system.
* Extensively Worked on Fee Processing Reports which will populate the Journal Entry Reports, Balance Sheets and Operation reports.
* Involved in writing complex queries for the project as required using Toad and Oracle SQL Developer.
* Modified and Debug the PL/SQL Packages, Functions, Procedures and Triggers as per the requirement.
* Developed, wrote UT plans and performed system testing of functionality of the application

**Environment:** Oracle 10g, Toad, Oracle SQL Developer, Windows XP, Quality Center.

**EDUCATION**

**Virginia International University**, Fairfax, VA**. (GPA 3.7/4.0)**

*Master's in Computer Science*

**Acharya Nagarjuna University**, Guntur, India**. (GPA 3.6/4.0)**

*Bachelor of Technology in Information Technologies*

**TECHNICAL SKILLSET**

Hadoop Framework : HDFS, MapReduce, Java, Hive, Pig, HBase, Sqoop, Flume, Solr, spark

Databases : HiveQL, Impala, Oracle 12c, 11g & 10g

Languages : SQL, PL/SQL, Core Java

Tools : TOAD, Oracle SQL Developer

Operating Systems : Windows, Linux

IDE Tools : Eclipse

Web Technologies : HTML, JavaScript, CSS

Servers : Apache, Tomcat

Reporting Tools : Tableau, QlikView, Crystal Reports, SSRS, and HTML Reports