**L V YASWANTH KUMAR MADDALI**

Mailto: [maddalileela.v@tcs.com](mailto:maddalileela.v@tcs.com), yaswanthkumar.maddali.ap@nielsen.com

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***PROFESSIONAL SUMMARY:***

I am with the software industry from past 6.10 years. Have experience in analysis, design, development, testing and implement of large Data-warehouse and Big Data systems by creating an intuitive architecture that helps organizations effectively capture, store, process and analyze huge volume of structured, semi structured data sets.

***ROLES AND RESPONSIBILITIES:***

**Project Summary:**

**Duration : May 2015 – till Date**

**Project Description: STB Data Ingestion**

I am currently associated with Nielsen Client. This project deals with STB(SetTopBox) data processing where we will be getting files of household information and viewing details which will be processed/purified in several steps to acquire modeled data. In each phase, we will be filtering fault information and adding reference information provided. The Final output will be delivered to downstream with proper modeling and with exact references. The data will be stored in Hadoop file system, cloud and processed using Hive, Impala, Spark.

**Work Experience - Hadoop Developer:**

* Hadoop Eco-System: Worked on scalable, cost effective and fault tolerant Hadoop CDH clusters up to 30 nodes. Responsible for Clusters. Have worked on migrating the system to Transient mode to save the Cloud cost and utilizing the resources effectively. Have good knowledge on Cloud cluster configuration.
* SQOOP: Worked on data importing and exporting from RDBMS to cloud using SQOOP and external directories. Our system has been integrated with multiple environments and need to extract reference info from Oracle/Netezza servers.
* Impala & Hive: Had good Development experience in Hadoop Eco-system consists of Hive, Impala. Have experience in developing few key modules in system from scratch. Ex: Machine events which are false events needs to be identified across whole tuning and filtered out to stop flowing through the system. Written Hive Aggregate Functions and supported for writing UDF’s.
* AWS S3: We use the S3 tool for storing the data on daily basis. We use this for downstream data delivery as well. Have written scripts to handle data transfers from cloud to AWS effectively.
* Performance Improvements: Have worked on improving performance of existing system by improvising the code. Ex: We used to handle Trend check validations before we hand-over data to downstream. It used to download million records of history data to perform the action. Have converted the system in such a way that it will store the required key info in Summary level which simplifies the data download and perform Trend validation in an easy way. It improvises the 20% of run-time of system currently.
* TIBCO: We use Tibco framework for Job eventing. Had very good experience in TIBCO process workflow in Job scheduling, Handling File event jobs and creating on-demand jobs in an effective way and integrating them into existing System.
* Worked on performance optimization of various ecosystems such as hive, Impala, Scripting.
* Shell-scripting: Worked on Shell scripting to integrate multiple system’s interaction and simplifying the system architecture. Ex: As part of development, I need to connect different RDMS servers to get reference info and use them in Cloud to perform the operations. Integrated all the necessary code of RDBMS and Cloud computations in single shell script to simply system architecture.
* Oracle/Netezza: Have development experience in Oracle as well. Need to extract reference info from Oracle and netezza servers on daily basis with Tibco Scheduled Jobs. And for few downstream front-end UI, we use Oracle as back end.
* Spark-SQL: Have experience in creating Spark-SQL. Sometimes, We use Spark-SQL for getting faster results for validating the S3 data from spark-shell.
* Scala: We are currently in process of migration the system to Scala step by step. Have worked on scala and created few scripts to perform data validation on o/p files of the system for an effective data delivery to downstream.

**Project Summary:**

**Duration : Mar 2012 – April 2015**

**Project Description:**

I have worked for 2 different applications like ViP(Viewers In Profile) which deals with local TV audience measurement. We used to receive viewers’ data monthly and create monthly local market reports for US. NCE(National Calculation Engine) deals with National audience TV viewers measurement for US. We will be calculating the ratings and projections and send data to down streams. The above two applications are in mainframe environment. I worked in support and testing environment. We used to do BAU activities frequently to enhance the functionality and also used to fix bugs.

**Maintenance/Tester Analyst (Mainframes):**

* Worked in Maintenance/Support environment in mainframes. Deals with Mainframe JCL, VSAM, M204 Database, PL/I.
* Planning and Task Estimation. Maintenance and Enhancement activity & Unit Testing.

***TECHNICAL SKILLS:***

**Hadoop Ecosystem Skills:**

* Distributed Programming Map-Reduce
* SQL HiveQL, Impala, Oracle PL/SQL, Spark-SQL
* Languages Java, Scala
* Storage AWS S3
* Ingestion Sqoop
* Scheduling Tibco
* Distribution Cloud Era
* System Deployment Hue
* Scripting Unix Shell scripting

**Other Skills**

* Software Used : Winscp, DBeaver, DBVisualizer, Putty.
* Tools : HP Quality Center, Zeppelin, DataBricks, Bitbucket.
* Methods : Agile Methodology- Scrum

***ACCOMPLISHMENTS:***

 As an individual and team player, I have been recognized with the below awards,

* Have received multiple “On The Spot Award” for both project activities and organizational activities from Client. Have received Star of the Month & Best Team Player Awards.

***CERTIFICATIONS:***

* International Software Testing Qualifications Board (ISTQB) Software Tester Certifications: Certified Tester - Foundation Level
* ITIL Certified. This deals basically with the detailed practices for IT Service Management.
* Oracle Certified Professional, Java SE 6 Programmer Certification

***EDUCATION SUMMARY:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **BOARD/**  **UNIVERSITY** | **YEAR OF**  **COMPLETION** | **MARKS (%)** |
| B.E(EEE) | SIR CRR College of Engineering, ELURU, AP | Andhra University | 2011 | 82.60 |
| XII | Sri Chaitanya Jr College, Vijayawada | Board of intermediate education | 2007 | 90.50 |
| X | Z.P.H School, Chillakallu, AP | Board of secondary Education | 2005 | 87.16 |