**A.SUMALATHA**

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**Summary:**

* Overall 4+ years of IT industry experience with a wide variety of projects and environment.
* 1 + years of Experience in Hadoop Administration.
* Capable of processing large sets of structured, semi-structured and unstructured data and processing of system applications architecture.
* Providing hardware architectural guidance, planning, estimating cluster capacity and creating road maps for Hadoop cluster deployment.
* Provisioning,Installing,configuring,monitoring and maintaining HDFS ,YARN,Hbase,Flume,Sqoop,Oozie,Pig and Hive.
* Involved in Hadoop Cluster Environment administration that includes adding and removing cluster nodes, cluster capacity planning, performance tuning, cluster monitoring and trouble shooting.
* Installation of various Hadoop Eco System Components and Hadoop Daemons.
* Data warehousing ETL experience using Ab Initio (GDE 3.0.5.2 & Co>operating System 3.0.3.9).
* Knowledge in Data Warehousing Concepts.
* Expertise in Ab Initio, UNIX and Oracle Sql.
* Monitoring the schedules using Autosys. Creating an Autosys Jill scripts for each Abinitio Jobs.
* Good knowledge in all stages of Software Development Life Cycle.
* Involved in participation of regular weekly project status meetings to discuss the risks involved in ongoing projects with Teammates and Team Lead.
* Good interpersonal skills, committed, result oriented, hard working with a quest and zeal to learn new technologies.

**Areas of Expertise:**

* **Big Data Ecosystems:** Hadoop, Map Reduce, HDFS, HBase, Zookeeper, Hive, Pig, Sqoop, Oozie, Flume, Impala.
* **Programming Languages:** SQL, Hive.
* **Scripting Languages:** UNIX.
* **Databases:** Cassandra, MySQL, SQL.
* **ETL Tool:** Abinitio.
* **Scheduler:** Autosys.
* **Monitoring Tools:** Ganglia, Nagios.
* **Platforms:** Windows (2000/XP), Linux, UNIX, Ubuntu.
* **Cloud Distributions:** Cloudera Manager, AWS.

**Professional Experience:**

* Worked as an **SSE** in **HCL Technologies India** **Ltd**, Bangalore from Feb 2014 to April 2015.
* Worked as an **S/W Engineer** in **Wipro Technologies**, Bangalore from June 2010 to Feb 2014.

**Academic Background:**

* Graduate in **Information Technology (B.Tech)** From **JNTU Anathapur**.

**Project Experience@ HCL Technologies India Pvt Ltd.**

**1) GEICO Feb 2014 – Apr 2015**

**Description:**

There are two different claim systems that are maintained and administered and referred to as ECF (Electronic Claim file), which is Legacy claim System and ATLAS (Accident Tracking Loss Assignment Scheduling), the new modern claim system. Accident data is collected and sourced in HDFS.Data Cleansing and business transformations are implemented in Hadoop ecosystem. The data is provisioned to downstream systems for reporting and dash boarding purposes.

**Roles and responsibilities**:

* Installed and Configured multi-nodes fully distributed Hadoop cluster.
* Involved in installing Hadoop ecosystem components.
* Responsible to manage the data coming from different sources.
* Involved in Hadoop cluster environment administration that includes adding and removing cluster nodes, cluster capacity planning, performance tuning, cluster monitoring and trouble shooting.
* Configures Fair Scheduler to provide service-level agreements for multiple users of a cluster.
* Maintaining and monitoring clusters .Loaded data into the cluster from dynamically generated files using Flume and from relational database management systems using Sqoop.
* Managing nodes on Hadoop cluster connectivity and security.
* Involved in writing Flume and Hive Scripts to extract transform and load the data into Database.
* Used HBase as Data storage.

**Project Experience@ Wipro Technologies.**

**2) Standard Life Insurance, U.K March 2013 – Feb 2014**

**Description:**

Standard Life is a global banking and financial services company headquartered in London, United Kingdom. Having invest and protect money for more than 50 million customers in over 50 countries and have over 300 years of history and expertise in banking. Our services include retail and commercial banking, credit cards, investment banking, wealth management and investment management services across Europe, Africa, Asia and the United States of America.

WEDW Credit risk deals with Western Europe countries Spain, Portugal, Italy data. This project encompasses the WE credit risk stream for the above three countries in WE region.

The scope of the project is to load a new business layer implementation in WEDW with LTDS information for the 3 domains Customer, Account, Other domain for the countries Italy, Spain, and Portugal to cover the FSA Requirements.

**Roles and responsibilities**:

* Gathering requirements by interacting with Business
* Understanding the Requirement Specifications.
* Preparing the TTD’s and LLD’s.
* Development of Ab initio graphs.
* Creating test cases and performing Unit Testing.
* Worked in a sandbox environment while extensively interacting with EME to maintain version control on objects. Sandbox features like check in and checkout were used for this purpose.
* Monitoring the schedules using Autosys. Creating an Autosys Jill scripts for each Abinitio Jobs.
* Tag creating while checkout the Abinitio objects from one environment to other environment
* Updating the clients and the onsite co coordinators with the ongoing development status on daily basis.

**Project Experience@ Wipro Technologies**

**3) Allocating Processing System June 2010 – Feb 2013**

**Description:**

Citi allocates costs between units where it is needed to accurately reflect business unit profitability, support management decision-making, obtain appropriate tax treatment, meet regulatory requirements, and/or ensure proper accounting. The Citi Allocations and Settlements Strategic Initiative (Initiative) was started with the intent of improving efficiency and control environment for intra-company expense allocations within Citi.

**Roles and responsibilities:**

* Gathering requirements by interacting with Business
* Understanding the Requirement Specifications.
* Preparing the TTD’s and LLD’s.
* Development of Ab initio graphs. Creating the graphs, using Join, Reformat, Sort, Replicate, Partition and Departation components to speed up the ETL process Creating test cases and performing Unit Testing.
* Worked in a sandbox environment while extensively interacting with EME to maintain version control on objects. Sandbox features like check in and checkout were used for this purpose.
* Tag creating while checkout the Abinitio objects from one environment to other environment.
* Monitoring the schedules using Autosys. Creating an Autosys Jill scripts for each Abinitio Jobs.
* Updating the clients and the onsite co coordinators with the ongoing development status on daily basis.