**A.SUMALATHA**

**EMAIL:**

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**Summary:**

* 4 + years of IT industry experience Data warehousing space using Ab initio, with a wide variety of projects and environment.
* Expertise in HDFS Architecture and Cluster concepts.
* Experience on Hadoop distributed file system (HDFS), Map Reduce framework and Apache Hadoop technologies like Pig, Hive, Sqoop, Flume, Hive and HBase.
* Excellent understanding / knowledge of Hadoop architecture and various components such as HDFS, Job Tracker, Task Tracker, Name Node, Data Node, Resource Manager, Node Manager and Map Reduce.
* Having good exposure in using Zookeeper.
* Expertise in Hadoop distributions like Cloudera and Security with Kerberos.
* Experience in managing and reviewing Hadoop log files.
* Having knowledge of Cassandra architecture, installation and configuration procedures, add/bootstrap nodes, remove/replace nodes in clusters, replication between data centers.
* 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.
* 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.

**Professional Experience:**

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

**Educational Qualification**:

* B.Tech in **INFORMATION TECHNOLOGY** from Jawaharlal Nehru Technological University.

**Skills Profile:**

Big Data Ecosystems : Map Reduce, HDFS, HBase, Hive, Pig,

Flume, Sqoop.

Environment : Ab Initio GDE 3.0.5.2 and Co>Op 3.0.3.9

Operating Systems : Windows, UNIX, Linux.

Databases : Oracle, MySQL.

NoSQL Databases : Cassandra

Scheduler : Autosys 11.3, Ganglia.

Cloud Services : Cloudera Manager Enterprise, AWS.

**Project Experience@ HCL Technologies**

**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. There is a great potential for significant cost savings around adjuster training, research and development, infrastructure provisioning and maintenance, operational support and external system integration. The Legacy Claim conversion will facilitate and retirement of primary claim system ECF, thereby eliminating the need to maintain two claim systems. This project also supports the company’s ultimate goal of eliminating transactions and data from mainframe.

**Roles and responsibilities**:

* Hadoop - Installation, Configuration of clusters.
* HDFS - monitoring, maintaining and upgrade.
* Yarn - monitoring, troubleshooting, optimization.
* Hadoop Data Nodes Commissioning and Decommissioning.
* Hadoop security setup with Kerberos.
* Setup of Hadoop Administration with FS Image, Edit logs with Apache and Cloudera.
* Worked with data delivery teams to setup new Hadoop users.
* File system management and monitoring.
* Involved in Backing up of name node metadata.
* Involved in HDFS support and maintenance activities.
* Installed MySQL Database on Linux.
* HBASE/HIVE - setup, configuration.

**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 Ltd**

**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 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.
* Updating the clients and the onsite co coordinators with the ongoing development status on daily basis.