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**Professional Synopsis**

* Having 4 years of experience in Data warehousing using SSIS, Informatica PowerCenter 9.5 and including one year in Big Data Hadoop using Spark, Hive, Cassandra, Pentaho, HDFS, Map Reduce and Flume.
* Experience in Creating and scheduling SPARK application in Scala using different Transformation and Actions.
* Experienced in creating Jobs and Transformation using Pentaho Spoon for Big Data sources like HDFS, Cassandra, and Hive. Worked with Distributed Database Cassandra (CQL) and Data Warehouse Hive (HQL).
* Good knowledge of working of HDFS, Map Reduce, YARN, SPARK, Hive, Cassandra, and Flume.
* Good Knowledge of Machine Learning (Supervised) algorithm like Logistic Regression, Decision Tree and Random Forest.
* Knowledge of Object Oriented as functional programming concepts in Java, C#, Scala and Python.
* Experience in Data migration from heterogeneous environments like Excel, MS Access, Oracle, and XML to MS SQL Server by using different transformation using SSIS.
* Experience in creating/modifying Tables, Views, Stored Procedures, Functions and Triggers and in depth knowledge in query optimization & performance tuning in SQL Server.
* Experience in creating package and materialized views using Oracle database.
* Experience in creating ETL Mappings/Mapplets using Informatica Power Center 9.5 using Designer (Source Analyzer, Warehouse designer, Mapping designer, Mapplet Designer, Transformation Developer), associated mappings with session and related tasks in Workflow Manager and monitoring the workflows from Workflow Monitor.
* Experience in Creating Reports using SSRS and Qlikview.
* Good knowledge of Data warehousing concepts.
* Good Knowledge in Insurance and Retail domains.

**TECHNICAL SKILLS**

* Big Data Hadoop: HDFS, Map Reduce, Spark, Hive, Cassandra, Flume
* ETL Tool : Pentaho, SSIS, Informatica
* RDBMS: SQL Server, Oracle
* Programming Language: Java, Scala, C#, Python
* Reporting tool: Cognos, Qlikview
* Machine Learning: - Supervised Learning Algorithms (Basic knowledge)
* Operating System: Linux, Windows 7 and XP.

**PROJECTS UNDERTAKEN**

**Client: AEGON**

**Project Title: STROP Apr2015 - Present**

The purpose of STROP is to solve the performance, stability and 24x7 availability issues consumers face when using the mijnAegon web portal and mijnAegon mobile app .For this PREDICT and PUSH approach have been used, in that it will tries to PREDICT which users will connect (next day) to the Web/App and Queues them for STROP solution to pull them via the AIL to the Cache area.

**Skill Used:** Spark, HDFS, Hive, Cassandra, Flume, Pentaho, Scala, Machine Learning (Random Forest).

**Role Description:** Responsible for creating all the schema used in Cassandra using Datastax Devcenter as well as in Hive using Hue Query Editor for Hive.

Worked in Creating and scheduling SPARK application in Scala using different Transformation and Actions. Experienced in creating Jobs and Transformation using Pentaho Spoon for Big Data sources like HDFS, Cassnadra, and Hive.

**Client: AEGON**

**Project Title: FHS Feb 2015 - Apr 2015**

In FHS Informatica workflow Data from different source system are used .In Informatica session it was taking around more time to finding the delta data.So we moved the data from Windows Server into Hive and after finding the delta data again moved the Data to windows server.

**Skill Used:** Hive, Pentaho, HDFS

**Role Description:** Involved in creating required transformation in Pentaho and finding delta data using Hive queries for different source systems.

**Client: AEGON**

**Project Title: AEGON-TLB Apr 2014 - Nov 2014**

Transamerica is part of the AEGON Group. Transamerica Life Bermuda is a wholly owned subsidiary of Transamerica Life Insurance Company. Transamerica Life Insurance Company was built on a promise to provide clients with quality financial products.

**Skill Used:** SSIS 2012, SQL Server 2012, C#

**Role Description:** Developed Packages to load data into Stage, ODS and Data Ware House systems using different transformation and using C# scripts.

Involved in automating SSIS Packages using SQL Server Agent Jobs.

Involved in writing T-SQL queries, stored procedures, views, joins and query tuning as per business requirement.

**Client: AEGON**

**Project Title: AKOS Aug 2013 - Mar 2014**

AKOS is a central customer view database for AEGON NL by integrating the data from six-customer information system and sixteen policy management systems within AEGON. It is master database with information about customers, contracts at high level, collective contracts, products and the contact information which in turn will be used by 24x7 customer care executives, employer, employee & call centers of AEGON.

**Skill Used:** Informatica, Oracle

**Role Description:** Extracted data from various source systems and loaded data to Target systems using different transformation.

Created package and Materialized Views as per business requirements.

**Client: CDW**

**Project Title: Remedy package and reporting Feb 2013 - Nov 2013**

Remedy system was for CDW internal company data management. Data is coming from Mainframe systems and after transformation it is loaded into SQL Server. Using Cognos worked on Relational reports creation.

**Skill Used:** SSIS, SQL Server, C#, Cognos

**Role Description:** Developed/Changed Packages to load data into Stage, ODS and Data Ware House systems using different transformation as well as using C# scripts and SQL queries. Developed/Changed the Remedy Relational reports as per the business requirements.

**Client: CDW**

**Project Title: CDW Cognos Reporting Jan 2012 - Feb 2013**

Development/Enhancement of CDW Finance/Sales/Marketing/Freight reports using IBM Cognos as per the Clients requirements

**Skill Used:** Congos , SSIS,SQL Server

**Role Description:** Worked in creating Stored Procedures and Views that has been used in SSIS packages. Involved in Created Complex ad-hoc Reports, Sub Reports, Linked Reports, Charts, Drill through Report Models and Drill down Report using Cognos for YTD/QTD/MTD basis.

**HCL Internal Project-Training**

**Project Title: Online Bank Application using ASP Dot Net Oct 2011 - Dec 2011**

Involved in creating an online Banking application that can do daily banking process like creating account, handling transactions, updating profiles, providing Authentication and Authorization etc. using Asp .net , C#, SQL Server, Java Scripts.

**Skill Used:** ASP.Net, C#, SQL Server, JavaScript, Ajax

**Role Description:** Involved in creating the UML diagram for our project.

Created Classes used for the application.

Created Databases, tables, Views and Stored Procedures used for the application.

**Project Title: Travel Assist-Airlines Data Analysis using Big Data- Hadoop (HCL Internal Project) Dec 2014 - Jan 2015**

The Airline data set consists of all commercial flights from 2005 to 2008. The approximately 10MM records (CSV format), occupy 3GB space. The aim of Project is to provide a graphical summary of important analysis of the data set.

**Skill Used:** Java, HDFS, MapReduce, Hive, Sqoop, SQL Server 2012

**Role Description:** Involved in writing Java program for Validation of input files.

Worked in HiveQL as well as Hive user defined functions

Developed the sqoop scripts in order to make the interaction between RDBMS and HDFS.

**DECLARATION:**

I ensure that I can fulfill my potential if I am a part of the organization and I hereby affirm that the information in this profile is true to the best of my knowledge.

Date: Sincerely,

Place: Chennai (Ram Krishna)