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Senior Talend Developer Phone: 970-422-0180

**Experience Summary:**

* Over 8 years of experience in IT Industry involving Software Analysis, Design, Implementation, Coding, Development, Testing and Maintenance with focus on Data warehousing applications using ETL tools like Talend and Java,J2EE applications.
* Experience on Talend ETL Enterprise Edition for Big data & Data integration v6.2
* Working as an Senior Talend Developer at Yale University.
* Certified Talend Developer with hands on Big Data (Hadoop) with Cloudera framework and Talend open studio for Data Integration.
* Experience on CA Layer 7 API Management and Talend with Big Data, Data Integration.
* Extensive experience in core development activities which includes Analysis and Design, Unit Test Plan preparation, Coding and Unit Testing.
* Experience on Developing Rest/Soap Services in Talend .
* Experience working on relational Databases like SQL Server, DB2, Oracle and non-relational databases like MongoDB, HBase.
* Comprehensive understanding and working knowledge in Data Warehouse loading, tuning, and maintenance.
* Involved in extracting user's data from various data sources into Hadoop Distributed File Systems (HDFS)
* Automated all the jobs, for pulling data from FTP server to load data into Hive tables, using Oozy workflows.
* Experienced in analyzing, designing and developing ETL strategies and processes, Writing ETL specifications.
* Experience with MapReduce, Pig, Programming Model, Installation and Configuration of Hadoop, HBase, Hive, Pig, Sqoop and Flume using Linux commands.
* Hands on experience on Talend ESB Using SOAP and REST implements Provider and as well as Consumer.
* Hands on experience on Talend Administration Activities.
* Hands on experience on Data warehousing concepts like SCD types, CDC, dimensions, facts, Star/Snowflake schema.
* Implemented cross-platform integration using SOAP and REST Web Services with JAX-WS, JAX-RS and WSDL, XML, JSON, XSD
* Excellent understanding & hands on in Hibernate, Hibernate Query Language (HQL), Transactions, Exceptions, Java Message Service (JMS), Java Transaction API (JTA), Active MQ
* Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database.
* Working experience in J2EE design patterns such as Business Delegate, Service Locator, Data Transfer Object, Data Access Object, Session Facade, Factory method, and Singleton pattern.
* Extensively worked with Talend for Extracting Data from Legacy systems to stage for Cleanse, Process and Loading into Data Marts and Data Warehouse.
* Involved in production n deployment activities, creation of the deployment guide for migration of the code to production, also prepared production run books.
* Worked Extensively on Talend Admin Console and Schedule Jobs in Job Conductor.
* Experience working on different versioning tools like SVN, GITHUB.
* Good Knowledge of Project tracking tools like Service Now and JIRA.
* Experience working in an Agile/Scrum environment and ability to work well under pressure and meet deadlines.

**Skills**

Technical – An in depth knowledge and working experience in the following areas:

* Hadoop Development : HDFS, Hive, Pig, Sqoop, Spark, Kafka and HBase
* Hadoop Administration : Apache Hadoop, Cloud era( Cloud era Manager), Horton works

(Ambari)

* NoSQL Databases : Apache HBase, DataStax Cassandra
* ETL Tools : Talend Data Integration, Talend Enterprise Service Bus
* Amazon Web Services : EC2, RDS, S3, EMR, REDSHIFT, Data Pipeline, IAM
* Databases : SQL Server 2012, Oracle, MySQL, PostgreSQL
* Operating Systems : Linux, Windows
* Programming Languages : Basics on Java, Shell Script and Python

**Certifications**

***Certifications***

* Talend Data integration for Developers 6.0
* Talend Data Integration V6 Certified Administrator
* Talend Real Time Big Data for Developers 6.0

**WORK EXPERIENCE**

**Senior Software Engineer January 2016-till date.**

**Yale University ITS New Haven, CT**

* Working on Talend studio for Data Integration, Big Data for Data pre-processing, Integration and Migration.
* Responsible for gathering data from multiple sources systems like SQL Server, No Sql, My Sql.
* Hands on developing the Technical specification artifact with data load processing to HBASE and Redshift Data base.
* Created Talend Spark jobs, which collects data from regular relational database, and load the data in to Hbase.
* Read Data from Enterprise Landing Zone S3
* Written Pig scripts for Input Delimited and Fixed Width Files
* Running pig script through Amazon Data Pipeline on Amazon EMR Cluster
* Developed Talend EMDM Jobs to get the master records and loaded data in to Talend MDM
* Developer Talend EODS jobs using Talend Pig components and Loaded results in to MySQL using Hadoop Sqoop.
* Used Talend Big Data Integration tool, for storage, joining and filtering of data from Hbase.
* Worked with different kinds of file formats like AVRO, Parquet and ORC.
* Optimize Hive queries by using different techniques such as TEZ engine, orc format, compression, etc.
* Created Hive External tables and loaded the data in to tables and query data using HQL.
* Written Hive jobs to parse the logs and structure them in tabular format to facilitate effective querying on the log data.
* Responsible for developing custom UDFs, UDAFs and UDTFs in Pig and Hive as per the business requirement.
* Wrote Hive queries for data analysis to meet the business requirements.
* Hands on GIT usage, which helps to track the code changes and used at the time of code deploying.
* Performed Production deployment by using Talend Administrator Center and scheduled the Jobs using NEXUS server.
* Developed rest and soap integrations on Talend ESB and deployed to nexus repo using Jenkins.
* Created, Designed and Developed Reports using Talend Studio for Data services and published Talend Jobs in Nexus repository and run Talend Job process in Talend Administration Center.
* Troubleshooting, debugging and fixing Talend specific issues while maintaining the health and Performance of the ETL Environment.
* Designed and developed end to end ETL Process from various source systems to staging area, from staging to Data Marts.
* Imported data from RDBMS (MySQL, Oracle) to HDFS and vice versa using Sqoop   
  for Business Intelligence, visualization and report generation.
* Observed statistics of Talend jobs in AMC to improve the performance and in what scenarios errors are causing.
* Extensively used ETL methodology for performing Data Migration, Extraction, Transformation and Loading using Talend and designed data conversions from wide variety of source systems including Oracle, SQL Server, Salesforce.com and non-relational sources like flat files, XML.
* Developed Talend jobs to provide the integration solution to implement USALIMS supported by .Net, SQL Server. The integration aims at capturing daily feed of Yale people data to populate USALIMS’s “Parties” data structure.
* Worked collaboratively with all levels of business stakeholders to implement and test Big Data based analytical solution from disparate sources.
* Experience with Version Control systems like SVN, GIT.
* Utilized Agile Scrum Methodology to help manage and organize a team of 5 developers with regular code review sessions.

**Environment:** Talend Data Integration 6.2, Talend Big Data 6.2, Talend ESB, Talend Administration Control, Nexus, Jira, Service Now, Layer 7 Gateway 8.3/9.1, Layer 7 API Portal 3.1, ESM, GMU, Jenkins, SVN, GIT**,** SQL Server 2016, Oracle, MS SQL Server, Oracle Designer 12.0, DB2, Tableau 8.3, S3, Hive, HDFS, Sqoop, Postman, SoapUI, Razors SQL.

**InterContinental Hotels Group (IHG) May 2014 –December 2015**

**Senior Talend Developer Atlanta,GA**

* Followed Agile Methodology and accomplished tasks as per the planned scheduled.
* Responsible for extracting, loading and transforming data using Talend Data Integration
* Design and developed end-to-end ETL process from various source systems to Staging area, from staging to Data Marts.
* Extensive experience in ETL methodology for performing Data Profiling, Data Migration, Extraction, Transformation and Loading using Talend Big Data Enterprise Edition 6.3 .
* Developed a set of reports, which captures the changes to the records in the database, where data injected manually to Oracle EBS. It also covered reporting of comparative difference for the missing records from two system.
* Developed a solution as web service which exposed email alias, where Id served as input parameter. The result was provided as rest response.
* Used Talend most used components (tMap, tConvertType, tLogCatcher, tRowGenerator, tSetGlobalVar and many more).
* Migrate python code in to the Talend jobs. Process the data from Amazon S3 in to the hive tables
* Get the data from enterprise Landing zone S3. Validate the files and move the files based on the conditions
* Valid files moving in to the Hadoop. Created Hive External table
* Integrated java code inside Talend studio by using components like tJavaRow, tJava, tJavaFlex and Routines.
* Created Rest Services using tRestRequest and tRestResponse components
* Scheduled the Talend jobs with Talend Admin Console, setting up best practices and migration strategy.
* Experienced in versioning, importing and exporting Talend jobs. Set up Triggers for Talend jobs in Job conductor.
* Monitored the entire batch cycle of application and working on high priority incidents and problem tickets.
* Created Execution Tasks in Talend Administration Center on jobs that are either saved in SVN or in Pre-Generated Studio as Zip files.
* Created Context Variables and Groups to run Talend jobs against different environments.
* Used tParalleize component and multi thread execution option to run subjobs in parallel which increases the performance of a job.
* Implemented FTP operations using Talend Studio to transfer files in between network folders as well as to FTP server using components like tFileCopy, TFileAcrchive, tFileDelete, tCreateTemporaryFile, tFTPDelete, tFTPCopy, tFTPRename, tFTPut, tFTPGet etc.
* Created Talend Development Standards. This document describes the general guidelines for Talend developers, the naming conventions to be used in the Transformations and development and production environment structures.
* Used SVN for source control management.

**Environment**: Talend Studio for Big Data, TAC (Talend administration console) XML files, DB2, Oracle 11g, SQL server 2008, SQL, MS Excel, MS Access, Service now, Jira, SVN.

**S & C Electric Company November 2013 – April 2014**

**Talend ETL Developer Chicago, IL**

* Acquire and interpret business requirements, create technical artifacts, and determine the most efficient/appropriate solution design, thinking from an enterprise-wide view.
* Created mappings and sessions to implement technical enhancements.
* Worked in the Data Integration Team to perform data and application integration with a goal of moving more data more effectively, efficiently and with high performance to assist in business critical projects coming up with huge data extraction.
* Created reusable Talend Outlet with Global context variables to improve the data loading performance, and user parallelized concepts as well for better performance.  
  Hands on utilizing runtime Global/Context Variables for parameterize job to run in multiple instances.
* Deployed and scheduled Talend jobs in Administration console and monitoring the execution   
  Created separate branches with in the Talend repository for Development, Production and Deployment.
* Review requirements to help build valid and appropriate DQ rules and implement DQ Rules using Talend DI jobs.
* Create cross-platform Talend DI jobs to read data from multiple sources like Hive, Hana, Teradata, DB2, Oracle, ActiveMQ.
* Create Talend Jobs for data comparison between tables across different databases, identify and report discrepancies to the respective teams.
* Talend Administrative tasks like – Upgrades, create and manage user profiles and projects, manage access, monitoring, setup TAC notification.
* Successfully Loaded Data into different targets from various source systems like Oracle Database, DB2, Flatfiles, XML files etc into the Staging table and then to the target database.
* Troubleshot long running jobs and fixing the issues.
* Prepared ETL mapping Documents for every mapping and Data Migration document for smooth transfer of project from development to testing environment and then to production environment.
* Used tStatsCatcher, tDie, tLogRow to create a generic joblet to store processing stats into a Database tableto record job history.

**Environment**: Talend5.0.1, TAC (Talend administration console) XML files, DB2, Oracle 11g, SQL server 2008, SQL, MS Excel, MS Access, Service now, Jira, SVN.

**Global InfoTech, India October 2011 – October 2013**

**Role: Java/J2EE Developer**

Designed and implemented reusable inbound and outbound interfaces for claims, creating a system for archiving and reporting claims, and building several extensions to keep pace with its special business needs. This system was developed using J2EE technologies, Web Sphere. **GUI** is developed in JSP based on **MVC** architecture.

* Involved in Designing, Coding, Debugging and Deployment of Business Objects
* Extensively used **Spring MVC** architecture for the application development
* Involved in performing Unit and Integration testing **(JUnit**). Strictly followed Test Driven Development (**TDD**) environment using Agile methodologies.
* Extensively used **Eclipse IDE** for developing, debugging, integrating and deploying the application
* Used **AJAX** framework for asynchronous data transfer between the browser and the server
* Used HTML, JSTL, CSS and JSP custom tag libraries for designing the JSP
* Utilized **Angularjs** framework to bind HTML template(views) to JavaScript object(models)
* Extensively used **JavaScript** to provide dynamic User Interface and for the client side validations
* Provided **Hibernate** mapping files for mapping java objects with database tables
* Extensively used Java **Multi-Threading** concept for downloading files from a URL
* Provided the code for Java beans (EJB) and its configuration files for the application
* Provide **ANT** build script for building and deploying the application
* Involved in configuring and deploying the application on **Weblogic** Application Server 8.1
* Provided utility classes for the application using **Core Java** and extensively used Collection package
* Provided **UNIX** scripts for deploying and building the system
* Implemented **log4j** by enabling logging at runtime without modifying the application binary
* Performed various **DDL, DML** operations on **SQL server database**

**Environment**: Unix, Java 1.5, J2EE, Spring, Hibernate, AJAX, JSTL, EJB, JSP 2.0, SQL server 2005, Servlets 2.4, HTML, CSS, XML, JavaScript, BootStrap, Weblogic 8.1, Eclipse 3.2, Log4j, ANT

**GE Healthcare – Bangalore, India Sep 2010 – Sep 2011**

**Role: Java/J2EE Developer**

As a junior developer I am responsible for the development of user interface and middleware. The objective of the project is to migrate their standalone application to web based system and add more functionality to existing system. The project is divided into two phases. The first phase is user interface development and in the second phase it is web enabled and middleware development. All the phases are designed using MVC architecture. Web base project is designed using struts framework.

* Involved in analysis and design of the application
* XSL style sheets for XML to XML transformations to modify business services XML data as per the UI requirements
* Performed client validation using the Struts Validation framework and Action form for storing the user data
* Developing dynamic Webpages using **JSP, Struts** and Tiles
* Used spring for implementing the Aspect oriented programming (**AOP**) feature
* Uploading the PDF into the Documental repository
* Developed business services for the retrieval & saving of data to DB (Oracle 9i)
* Deployed the application on the tomcat server using tomcat-specific ANT targets
* Prepared Unit Test Cases using **JUnit** and Debugging of System
* Configured and deployed the application on **Web sphere**
* Involved in documenting the programs and system
* Environment: Java, J2EE, JSP, Struts Framework, XML Beans, JMS, Spring, Hibernate, Web sphere, JavaScript, Ant, Oracle 9i, Eclipse3.2, ShellScript

**Environment:** Java, J2EE, JSP, Struts Framework, XML Beans ,JMS ,Spring, Hibernate, Web sphere, JavaScript, Ant, Oracle 9i, Eclipse3.2,ShellScript.