

Jessica Claire

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SUMMARY

Dedicated IT professional with 5+ years of experience in System design, development and delivery of enterprise software and Implementation of complex Client/Server and Intranet/web based n-tier architecture systems utilizing Object oriented and Internet technologies with strong domain knowledge. Around 6 years of ETL experience in Database programming for creating Data Warehouse with IBM InfosphereDataStage11.5/8.5. (Manager, Designer, Administrator, Director), Parallel Extender, Talend and Teradata 14.10/13.10/12/10, DB2 UDB. Experience in working with Talend open source, Talend Enterprise version and Talend cloud. Experience in working with Standard jobs, Batch jobs and streaming jobs using Talend for Bigdata and Talend for real time Big Data. Experience with SDLC including analysis, design, construction, testing, and implementation. Extracted data from multiple operational sources and implemented SCDs (Type 1/Type 2/Type 3) using Talend. Extensively used Talend components like tfileinputdelimited, tparquetinput, tspakrow, tSetGlobalVar tMap, tReplicate, tJoin, tFileList, tSortRow, tBufferInput, tBufferOutput, tDenormalize, tNormalize, tParseRecordSet, tUniqueRow, tS3put, tS3get, tS3FileList, tRedshiftInput, tRedshiftOutput, tRedshiftRow,tsnowflakeinput, tsnowflakeoutput, tsnowflakerow tKafkaInput, tKafkaOutput, tAzurestorageput, tAzurestorageget, tAzureStorageConnection, tAzureStoragelist. Extensively worked on Error logging components like tLogCatcher, tStatCatcher, tAssertCatcher, tFlowMeter, tFlowMeterCatcher. Experience in Debugging, Error Handling and Performance Tuning of sources, targets, Jobs etc. Well knowledge and experience in Hadoop ecosystem (HDFS, YARN, Hive, SQOOP, HBASE,) Data pipeline, data analysis and processing with hive SQL. Experience in Importing and Exporting data using Sqoop from Relational database system to HDFS, Hive tables, and vise-versa Implemented various projects on Agile Development &Waterfall model and hybrid model. Enhanced the design of current systems to improve system capabilities to meet the changing needs of the business. Modified application systems and procedures to optimize functional requirements including capacity, operating time, response time, and form of desired results. Strictly followed Title II of HIPAA, known as the Administrative Simplification (AS) provisions, security and privacy of health data. Expertise in writing UNIX shell scripts and hands on experience with scheduling of shell scripts using ASG-ZENA. Excellent experience in Relational Database (RDBMS) and ODS , Oracle 11g,10g,9i, Microsoft SQL Server, Netezza, Teradata Load and MultiLoad, SQL, PL/SQL, TOAD. Created Business Requirement, functional, technical, and mapping design documents. Experience in designing Job Batches and Job Sequences for scheduling server and parallel jobs using DataStage Director, UNIX scripts.

SKILLS

ETL Tools	• Linux, Windows
• Talend Data Integration, Talend Cloud, DataStage 11.5, 8.5 (Designer, Manager, Director), Informatica.	Scheduling
Databases & Tools	• DataStage Director, Zena, TMC
• Oracle (11g), Teradata v12, Hive.	Scripting
Languages	• Unix, SQL
• SQL, C, PL/SQL, COBOL, Korn /C Shell Scripting, HTML, XML, MS-Visual Basic, IIS, ASP, Java Script, Python, VB Script	Reporting Tools
Operating Systems	• Tableau

EXPERIENCE

12/2020 to Current	ETL Developer Allegis Group – Jacksonville, FL <ul style="list-style-type: none">Designed various jobs for extracting data from various sources involving flat files and relational tablesWorked with the Data Team to understand the source to target mapping rulesAnalyzed the requirements and framed the business logic for the ETL process using Talend and involved in the Talend jobs design and its DevelopmentDeveloped jobs using Talend for data loading, importing Source/Target tables from the respective databases and flat filesCreated complex mappings in Talend using components like: tMap, tJoin, tReplicate, tAggregateRow, tDie, tUnique, tFlowToIterate, tSort, tFilterRow, tWarn, tContextLoadUtilized Big Data components like tHDFSInput, tHDFSOutput, tHiveLoad, tHiveInput, tHiveOutput, tHiveRow, tHiveConnectionWorked on Talend ETL and used features such as Context variablesWorked on Context variables and defined contexts for database connections, file paths for easily migrating to different environments in a projectImplemented Error handling in Talend to validate the data Integrity and data completeness for the data from the Flat FileUsed different database related components like tDbConnection, tDbInput, tDbOutputEnvironment: Infosphere DataStage 11.5 (Designer, Manager, Director and Administrator), Teradata,DB2, ASG Zena tool, Toad, Shell Scripts, Talend 6.4, Hive, Pig, HDFS.
09/2020 to 11/2020	Informatica IDQ Developer Allegis Group – Hanover, MD <ul style="list-style-type: none">Performed the roles of ETL Informatica and Data Quality (IDQ) developer on a data warehouse initiative and was responsible for requirements gathering, preparing mapping document, architecting end to end ETL flow, building complex ETL procedures, developing strategy to move existing data feeds into the Data Warehouse (DW), perform data cleansing activities using various IDQ transformationsExtensively used Informatica Data Quality (IDQ) profiling capabilities to profile various sources, generate score cards, create and validate rules and provided data for business analysts for creating the rulesUsed Informatica Data Quality transformations to parse the “Financial Advisor” and “Financial Institution” information from Salesforce and Touchpoint systems and perform various activities such as standardization, labelling, parsing, address validation, address suggestion, matching and consolidation to identify redundant and duplicate information and achieve MASTER recordExtensively worked on performance tuning of Informatica and IDQ mappingsHands on experience using query tools like TOAD, SQL Developer, PLSQL developer and Teradata SQL AssistantBuilt UNIX Linux shell scripts for running Informatica workflows, data cleansing, purge, delete, and data loading and for ELT process.
10/2016 to 08/2020	ETL Developer Blue Cross Blue Shield – City, STATE <ul style="list-style-type: none">Involved in the Analysis of the functional side of the project by interacting with functional experts to design and write technical specificationsWorked on the Architecture of ETL process and design document, and by using the Architectural design created the source to target mapping from source to target mapping documents that involves source file, ODS Member match, Teradata tables, Transforming the data into 837 institutional and professional files and XML’sCoordinated with Business Users for requirement gathering, business analysis to understand the business requirementDesigned data flow, workflow diagrams and prepared technical documentsPerformed analysis, design, development, Testing and deployment for Ingestion, Integration, provisioning using Agile MethodologyExtensively used components like tWaitForFile, tIterateToFlow, tFlowToIterate, tHashoutput, tHashinput, tMap, tRunjob, tJava delimiter components and Db components to create Talend jobsDeveloped jobs to move inbound files to HDFS file location based on monthly, weekly, daily and hourly partitioningCreated Data stage jobs (ETL Process) for populating the data into the Data warehouse constantly from different source systems like ODS, flat files, scheduled the same using Data Stage Sequencer for System Integration testingExtracted data from sources like Flat Files, DB2, Oracle and TeradataDeveloped technical infrastructure designs, data mappings, flows and report dissemination mechanisms by architecting Data Warehouses and MartsDesigned and developed parallel jobs, server and sequence jobs using DataStage DesignerExperience in using different types of stages like Transformer, Aggregator, Merge, Join, Lookup, and Sort, remove duplicate, Funnel, Filter, Pivot, Shared containers for developing jobsDeveloped various bulk load and update procedures and processes using SQLLoader and PL/SQL and Teradata SQL AssistDeveloped various data connections from data source to Tableau Desktop for report and dashboard developmentCreated Schedules and Extracted the data into Tableau Data EngineExported data from Hive to Teradata and using Sqoop export and created the reports using the TableauInvolved in working with various kinds of data sources such as TeradataSuccessfully loaded files to HDFS from Teradata, and load loaded from HDFS to HIVE and exported to Teradata based on business requirementInvolved in the Documentation of the ETL phase of the projectDocumenting business process, lesson learned & best practices for the projectEnvironment: Infosphere DataStage 11.5, 8.7 and 8.5 (Designer, Manager, Director and Administrator), Teradata,DB2, ASG Zena tool, Shell Scripts, Talend 6.4, Hive, Pig, HDFS.

EDUCATION AND TRAINING

05/2013	Bachelor of Science: Electronics And Instrumentation Acharya Nagarjuna University - India
05/2016	Master of Science: Computer Science New York Institute of Technology - Old Westbury, NY