

Jessica Claire

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SUMMARY	<p>Solution-oriented Data Engineer with more than 8+ years of diverse career experience in IT systems development and maintenance, systems and exploratory data analysis, quality assurance, project management and system implementation well versed in latest ETL Methodologies.</p>
SKILLS	<ul style="list-style-type: none">• Results-driven, Customer-focused, Team Player and Quick learner• Full Software Development Life cycle expertise with strong experience in ETL Framework Development• Proficiency in Data Engineering, Data Migration , EDW Build and Maintenance• Data Mart build and implementation• Performance Engineering• Data Analytics and Automation Expertise• Finance, Insurance and Telecommunications domain expertise• Reports and Dashboard build, analysis and troubleshooting• Analytical, programming, and inter-personal skills• Informatica Power Center and Data Quality• Expert SQL Writing and analysis skills• RDBMS Teradata Load Utilities, Oracle, Netezza, Redshift• Shell Scripting with Unix and Perl• Performance Tuning and optimization• Cloud Implementation using AWS• Big Data Technologies - HDFS, Sqoop, Hive• Machine Learning knowledge with R and Azure• Front end web development using angular, html 5, css• Reusable component development• Dashboard development using Tableau
EXPERIENCE	<p>DATA QUALITY ANALYST/DEVELOPER 02/2016 to CURRENT</p> <p>Hp Inc Atlanta, GA</p> <ul style="list-style-type: none">• Identifying the anomalies in Data, doing the root cause analysis and applying the appropriate fix• Provide Rapid Response Support for any production failures to ensure daily data delivery deadlines are met• Co-designed the reconciliation process framework called ABC (Audit-Balance-Control) to ensure that the data delivered to the Business is correct• Work with the Marketing, Finance and Accounting Teams and ensure that their weekly, monthly and quarterly reporting needs are fulfilled• Acted as Solution Architect and Subject Matter Expert for Legacy Data Migration Project• Prepare the Design, co-ordinate with the Business Users, Development, QA and the Deployment Teams <p>SCOUTURE ARCHITECT 08/2016 to 06/2017</p> <p>Microsoft Corporation Memphis, TN</p> <ul style="list-style-type: none">• Conducted analysis to address the CPNI data leak issue reported by the Security Team which led to the Encryption Solution in preventing data leak throughout the ETL processes• Planned and executed the Data Encryption Project where my responsibilities include attending Business Meetings, identify the Technical Work needed to meet their Needs to Designing, Developing and Deploying a Solution that is fool-proof and doesn't impact the performance of the existing data processing steps• Work with the DBAs to provide Decryption Key to the Users who have a Business Case to access the CPNI data• Review code, Test plans and Documentation and provide necessary support <p>TEAM LEAD /ETL DEVELOPER 07/2013 to 01/2016</p> <p>Infosys Ltd City, STATE</p> <ul style="list-style-type: none">• Development and maintenance of Data warehouse that maintains the Commercial Insurance Policies division of Nationwide Insurance• The business objective of the project is to have a centralized data repository that helps the users in their business development decision making• End-to-end application development project involving requirements elaboration, design, build, testing, implementation, maintenance and support• Designed Control Framework with Informatica and Teradata with benefits like Trace ability of Data Lineage from Source to Target, Row level auditing - Audit trails of how the data got to where it is, Standardized Code, re-usability, faster development using easily scale able architecture• Building the Reconciliation process using SQL and Shell Scripting• Designed and Developed a Code Review Automation Tool and Mapping Generator tool using VBA which greatly reduced the development and peer-review effort• Development is traditional waterfall as well as agile development methodologies• Working with various source teams that deliver data in variety of formats – Flat Files, VSAM, XML Files, Oracle, DB2 tables• Delivering the data to heterogeneous targets – Teradata, Netezza, Oracle, Salesforce, Third Party ftp locations, Mainframes• Review code, test plans and documentation• SIS (System Information & Specification) documentation• Support the QA team in their testing (Iteration, System)/Defect resolution <p>SENIOR SYSTEMS ENGINEER 06/2009 to 06/2013</p> <p>Infosys Ltd City, STATE</p> <ul style="list-style-type: none">• Rewriting an entire application existing in Mainframe/Data Stage/DB2 to Informatica-Teradata• Developing mappings and mapplets to transform the data according to the business rules• Created a hand-shake mechanism between UNIX and Mainframe so that the audit reports can be transferred to external teams where validation is performed• Worked on consolidation of all the 17 existing billing systems for an Investments Client• Created an Automated ETL Based Pick and Load Mechanism that helped to eliminate the manual intervention needed during History Catchup.• Used Session parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values• Worked with Static, Dynamic and Persistent Cache in lookup transformation for better throughput of Sessions.• Involved in Tuning the Informatica objects to increase the Performance of the Informatica loads.• Performed Tuning by identifying and eliminating the bottlenecks occurred for increasing the performance.• Performed data quality analysis to validate the input data based on the cleansing rules.• Performed unit testing on the Informatica code using the Informatica Debugger and by manually checking through Sql queries.• Prepare the run books for testing environments.• Prepare the Implementation Plan for Production Deployment <p>EDUCATION AND TRAINING 2009</p> <p>Bachelor of Technology Computer Sciences Acharya Nagarjuna University</p> <p>Courseswork in Data Science and Data Engineering</p> <p>Machine Learning using R and Azure - 5 Day Boot camp</p> <p>Trained in Amazon Web Services</p> <p>ACTIVITIES AND HONORS</p> <ul style="list-style-type: none">• Received Awards of Excellence and The Most Valuable Player Award for Outstanding performance in the projects 'Information Management Team' and "Alternate Investments" at Charles Schwab.• Received numerous Client Appreciations for my analytical skills in breaking down problems, driving the team through issues and arriving at solutions.• Awarded a Bravo at Nationwide for my dedicated support in the continued Success of E-Product• Received the Hercules Award for my dedicated support in the success of Data Migration Project at T-Mobile.