

Jessica Claire

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SUMMARY

- Overall 15+ years of IT experience with a prime focus on Analysis, Design, Development, Customization, Data Modelling, Gap Analysis, Performance Testing, Administration, Documentation, and Maintenance of Web Based Client/Server Applications, Data Warehouse/Data Marts, Business Intelligence, AWS, and Snowflake. Strong background in Analysis, Design, Development, Implementation of Data Warehousing in ELT/ETL & BI, including 3 years of experience in Snowflake Cloud Datawarehouse. In-depth experience with Snowflake architecture and cost management principles. Hands-on experience in implementing Snowflake Data Warehousing table loads using Snowflake utilities, SnowSQL, Snow Pipe, Tasks, and Streams. In-depth experience with Snowflake architecture and Cost Management principles. Experience working with applications developed in JAVA, VB.Net, ASP.Net
- Expertise in Load and Performance testing using LoadRunner, with different host systems and also configured the test environment. Knowledge in Delta Lake and Data Lake platforms. Testing experience with E-Commerce, GUI based client/server applications using Manual and Automated testing tools. Has proven ability to multi-task and work on multiple projects and thrive in a fast-paced, deadline-oriented environment. Sophisticated analytical skills to solve technical and business-related issues. An energetic individual with good work ethics, excellent interpersonal, writing, communication skills ability to handle projects independently, detail oriented and an effective team player.

SKILLS

- Cloud Data warehousing : Snowflake/SnowSQL, DataStage.
- Methodologies : Agile (Scrum, Kanban), Waterfall
- Operating Systems : Windows family, UNIX, Red Hat Linux
- Programming Languages : C, C++,
- Databases : Oracle, MS SQL, SQL Server, Snowflake.
- Web Servers : Microsoft IIS, Sun One
- Scripting : Shell Script, SQL, PL/SQL
- Testing Tools : LoadRunner, Performance Centre, Quality Centre.
- Defect Tracking : HP QC, IBM CQ, Service Now, Jira.

EXPERIENCE

Data Engineer, 04/2011 - Current

Cognizant Technology Solutions – Franklin, TN

- CMS V3 is a Case Management system which manages Civil, Small Claims, Probate and Mental Health cases
- It permits the electronic filing of Cases and is accessible at public computer kiosks in courthouses
- It is basically a statewide application supporting Superior Courts of Sacramento, San Joaquin, Ventura, San Diego, Los Angeles, and Orange
- Analysed the business requirements, participated in technical discussions, and provided detailed estimates for the projects
- Collaborated with internal and external personnel, including system architects, software developers, database administrators, design analysts and information modelling experts to determine project requirements and capabilities, and strategize development and implementation timelines
- Having good hands-on Continuous Data Protection using Time Travel and Change Data Capture (CDC) using Streams and Tasks
- Designed RBAC solutions for snowflake environment
- Created views, materialized views, and secured views as per the business needs
- Load data from the different source (csv, json, Oracle, MySQL) to snowflake DW
- Automating ETL Data Pipelining in Snowflake Data Warehouse using Streams and Tasks
- Experience with Snowflake cloud data warehouse and AWS S3 bucket for integrating data from multiple source system which include loading nested JSON formatted data into Snowflake table using Python wrapper scripts
- Identifying the business scenarios for doing Scale-up in Snowflake for best performance of clusters
- Helped performance tune the application by experimenting with different combination of Garbage Collection algorithm parameters
- Zero Copy cloning – Cloning Objects in the account (Within the account)
- Created buckets, snow pipes and stages and SQS (Simple Queue Service) on S3 for continuous data loads
- Implemented Secure Data Sharing and Data Replication between two Snowflake accounts.

ETL Developer, 12/2007 - 04/2011

Avantus – Fort Meade, MD

- Understanding the business needs and implemented the same into a functional database design
- Extensively used all the stages and transforms of DataStage for various types of data conversions
- Worked on programs for scheduling data loading and transformations using DataStage from legacy system to Oracle
- Identify business rules for data migration and perform data administration through data models and metadata
- Performed the Unit testing for jobs developed to ensure that it meets the requirements
- Designed, developed, and monitored DataStage Server & Parallel jobs using DataStage 8.1
- Tuning the DataStage repository and jobs for optimum performance
- Was involved in performance testing each major release and making sure the application meets the SLA's
- Used Data Stage Director to run and monitor the jobs for performance statistics
- Worked closely with Project Architect in resolving Production Issues using my Performance Testing expertise
- Involved in the performance benchmarking after analyzing the load and response time and suggested for improvements to what level of performance can be achieved after tuning
- Involved in all levels of testing right from Unit Testing, System Testing, Regression Testing to Performance Testing
- Used DataStage Manager to export and import jobs in different environments of development and production
- Created different LoadRunner scenarios based on the end user requirement and feedback from client.

ETL Tester/Performance Engineer, 01/2007 - 11/2007

Commerce Energy – City, STATE

- Overall expertise in all aspects of Performance testing including Planning, Design and Development, Execution, and Issue Resolution
- Generated Vuser Controller Scenarios and Analyzed results Using Load runner for the client-server, web-based application
- Involved in the performance benchmarking after analyzing the load and response time and suggested for improvements to what level of performance can be achieved after tuning
- Created low-level design and developed various jobs and performed data loads and transformations using different stages of DataStage and pre-built routines, functions
- Created performance reports on doc and html formats and reported via email to team lead
- Identified the critical test scripts to be automated, created automated test scripts using QTP and developed Batch Test
- Analyzed system requirements, developed & executed detailed Test plans and Test cases
- Performed back-end integration testing to ensure data consistency on front-end by writing and executing SQL queries on an Oracle database
- Smoke testing the new builds for QA-acceptance
- Responsible for Planning UAT Testing and PAT testing.

EDUCATION AND TRAINING

Bachelor of Technology: Computer Science

J.N.T University - Hyderabad

Master of Information Technology

Latrobe University - Melbourne