




JESSICA CLAIRE

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SKILLS

Expertise in Microsoft SQL Server Management Studio (2005-2019)

- Microsoft Certified Professional Designation
- Microsoft Database Fundamentals Designation
- Temporary Tables, DLL statements, Loops, Schema creations, Common Table Expressions, View, Dynamic SQL scripts, Merge statements, Indices, Performance Tuning, Triggers, Functions, Store Procedures, Joins, Parametrization, Cross Apply, Outer Apply, Automation, Job Creation, Scheduling, Environment Variable, Deployment, Variables, Store Procedures, Pivots, Performance Tuning

Expertise in BIDS/Visual Studio

- Extraction from various sources (e.g. flat files, DBs, XML, etc.), Dynamic SQL, Automation, Deployment, Parameterization, Looping, Program/Process Executions, Custom coding using Script Tasking, Flat File/XML File Creation, UTF-8 conversion, Merge/SCD implementation

Adept Excel User

- Pivots, use of Macros, Formulas, Charts, Tabular data from SSAS cubes

Data Architecture and Modeling

- Use of Star and Snowflake Schema, utilizing tools like Visio to create Flow Charts, using data modeling tools like SQLDB to create denormalized structures, creating business specific entities to create balance between efficiency and use case

Oracle

- Familiarity and use of PL-SQL, corroborated financial reports using Oracle Transaction Business Intelligence (OTBI) and the UCM as well

Familiarity of Presentation Layer Tools

- Salesforce, Tableau, Qlikview, SSRS, OTBI

Subject Matter Expert

- Deep IT derived knowledge in business operations including Finance, Accounting, Marketing, Underwriting, Compliance, and some Specialty Risk Programs

Other Pertinent Skills

- Agile Hybrid/KANAN/Waterfalls methodology, Familiarity with AzureDevOps, GitHub, TFS, Skilled Design Documentation

Personal Skills

- Diligent, Adaptive, Organized, Methodical, Analytical, Honest/Blunt.

EDUCATION AND TRAINING

Collin College
Frisco, TX • 12/2011

Associate of Arts

- Summa Cum Laude Honors graduate
- Phi Theta Kappa International Honor Society member
- Sigma Kappa Delta National English Honor Society member
- Student Leadership Academy graduate

SUMMARY

Seasoned Senior Data Engineer possessing in-depth knowledge of RDBSM environments, ETL techniques, architecture, data modeling, and integration between systems. Offering 10 years of background managing various aspects of development, design, and delivery of database solutions. Analytical, passionate, and aspiring leader bringing proven communication and organizational abilities. Seeking a full-time remote position.

EXPERIENCE

Crown Castle Usa Inc - Data Engineer III

Salt Lake City, UT • 07/2016 - Current

Development:

- Utilized various IDEs including Visual Studio, SQL Server Management Studio, Astera Centerprise to build ETL solutions.
- Created dynamic SQL to drop/recreate objects
- Utilized 'Activity Monitor'-type tools such as FogLight and Solarwinds DPA tool for bottlenecks.
- Created technical and operational audits within process to better catch issues
- Performance tuned process cutting down an 8 hour process to 5 minutes.
- Created and ingested delimited files.
- Created pivot structures within SQL taking data and transposing it in the other direction (e.g. horizontal data to vertical).
- Utilized VB and C# languages to create custom Script Task components to use in ETL solutions.

Integration:

- Integrated claims personal and commercial lines products.
- Extensively developed, piloted, and implemented integration solution between OLTP data and Salesforce; created API pipeline delivering quote details to business thereby allowing them to make key decisions with agents.
- Created data consumption and delivery solutions for claims including (though not limited to): sending flat files to vendors containing company data, receiving, decompressing, unpacking, ingesting data, creating a wrapper shell on a program that was called by SSIS solution, dynamically recreating .dll with parameterized inputs.

Analytics

- Researched financial disparities between Oracle and T-SQL restructured format
- Sequenced data dictionary from Oracle to extrapolate and originate data sources to better deliver solutions.
- Created pivoted OLAP-Tabulated SSAS structures to help display intersection of trends and data.

Reporting:

- Created canned, subscription, and ad hoc reports for business stakeholders sectors including finance, claims, actuary, legal, statistical, statutory, marketing, and underwriting.
- Substantiated differences between expected and actual results in control reports allowing business to see disparities.

Architecture:

- Architected a SCD Type 1 , 2, and 3 denormalized and normalized structures.
- Created conceptual, logical, and physical data models by utilizing tools such as Visio, SysDiagram, and SQLDBM.

Leadership:

- Led and organized scrum/status meetings. Provided guidance and focused delivery tasks to colleagues whilst assessing for gaps.
- Provided instructional and informational background on projects to new comers detailing them thoroughly on the historical and current SDLC processes, lessons learned, etc.
- Piloted groups to create best practices and code vetting/review within organization.

Organizational:

- Incorporated various methodology including (though not limited to) Waterfall, Agile, KANBAN, Hybrid.
- Created several detailed design documents, some serving as a standard and template for other developers
- Coordinated project management updates to determine project scopes and limitations.
- Managed performance monitoring and tuning while identifying and repairing issues within database realm.
- Part of 'SWAT' delivery service; a team designed to tackle high velocity and profile requests in company. Managed solution implementation for several high-profile projects from start to finish.

Honeywell - Application Developer

Deer Park, TX • 12/2014 - 07/2016

Development

- Created ETL solutions using Visual Studio and SQL Studio Management Studio.
- Parsed and massaged data into Guidewire specific formats following tight edits
- Promoted and automated ETL processes
- Performance tuned existing queries to cut down on time, reducing overall process from 2 hours to 8 minutes.

Integration

- Integrated commercial and personal lines Farm and Ranch insurance products into Guidewire Claims Center.
- Worked closely with business stakeholders to understand data whilst also pushing for system-originated corrections where fixes could not be done via ETL.

Leadership

- Mentored colleagues and fellow testers in T-SQL scripting.

Organizational

- Utilized Agile Methodology and TFS to check in/out code from repository.
- Created design documents detailing process and flow.
- Worked closely with business stakeholders to understand requirements and provide deliverables per their specifications.

Educational

- Actively sought out areas to increase insurance domain of knowledge
- Enrolled and successfully completed AINS 24 offered by The Institutes.
- Informed and trained with Guidewire and SAP HANA software.
- Became Farm and Ranch SME for data.

American Homes 4 Rent - ETL Developer

Cincinnati, OH • 03/2013 - 10/2014

Development

- Created complex integration solution to ingest and parse row-delimited flat files using the Fi-Serv Data model.
- Ingested outputted files from FNMA and FHLMC.
- Further refined this data using ETL based on business/end user requirements.
- Participated in code review sessions with colleague to assess bottlenecks, strategize resource consumption, kill deadlocks, and tailor code to become more I/O efficient.
- Created an SDLC lifecycle for process flow including environments for development, testing, and production.
- Installed and Upgraded SQL Server Studio.

Integration

- Delivered outputs using webservice calls fetching unique system-originated keys from OLTP system to use within T-SQL.

Leadership

- Trained and mentored users on how to utilize T-SQL and create simple SSIS packages.
- Cross-trained colleagues on ETL solution.

Organizational

- Created several design documents detailing pipeline of ETL solution, caveats/limitations, and future development requirements.