JESSICA CLAIRE

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Summary

Senior Data Architect and BI Engineer with 11 plus years of professional experience in data wrangling techniques and supporting complex business intelligence projects. Team lead with 4 plus years of managerial experience providing end-end solutions for several Business Intelligence and Data Analytics initiatives.

Top Skills

- Database Design
- Extract, Transform, Load (ETL)
- SQL Server Integration Services (SSIS)
- SQL Server Report Services (SSRS)
- Dashboard
- T-SQL
- VB.Net
- XML
- Data Architecture
- Date Modeling
- Marketing Cloud
- Customer Experience and Success

Experience

Senior ETL Developer, 07/2018 to Current
Forward Air – Sandy Springs, GA

- Lead Engineer for multiple projects; worked with senior executive directors to provide BI and DW solutions.
- Provided roadmap for the BI & DW team to achieve project goals in a timely manner.
- Guided the enterprise Data Warehouse team on how to achieve their project goals.
- Serving as a primarily SSIS ETL and SQL Development lead for all initiatives within the MGPO Physician Analytics & Business Intelligence team.
- ·Lead developer providing end to end data warehouse solutions including data ingestion, creation of Databases for reporting and staging environments, ETL design & development, building complex Agg and Fact tables for highly successful projects such as Telehealth, RCO POS, SAM CODING, RCO HB Denials, PB Denials , Patient Referrals.
- Created best practices for ETL design and development, responsible for reducing the processing time by more than 70% on complex ETL jobs.
- Responsible for mentoring and training new hires on the team.
- Shown an ability to work with many disparate data sources crossing multiple hospital-based initiatives.
- Developed best practices for solutions that help end users' access and analyze data in data warehouse, data marts and operational systems.
- Developed data extracts and dashboards for Revenue Cycle Operations team which included Denials Data, Claims Data, Balance Score Card data.
- Perform regular ETL deployments (SSIS Catalogs/ PowerShell Scripts) for the IPORT team on weekly sprints.
- Provide Database Administration Support (such shrinking the database/ moving file groups/ Create Index views)
- Loading and backfilling Big Data in efficient manner using BCP / Bulk insert PowerShell Scripts.
- Working on creating a dashboard using Power BI to monitor daily production jobs.
- Provide timely resolution for production issues and optimize the run time of jobs which are running slow.
- Work with BI Cognos team to optimize the query performance.
- Automated data extracts from Clarity to load data into IPORT.

Senior Data Warehouse Developer Consultant, 04/2013 to 07/2018
Alchemy Systems – Austin, TX
Client : CVS Health

- Lead developer for CVS Health Epic reporting, supervised a team of developers to help migrate from existing reporting database to use clarity database to build a data warehouse
- Worked with the team that was acquired by CVS Health to transition to EPIC Clarity Database
- Design and develop solutions to map the existing EPIC data into Data Warehouse

Client : Northwestern Medicine

- Developed extracts for Northwestern Medicine from Clarity & IDS (In-house Data Warehouse) for Northwestern Medicine Epic Go-live
- Built reports using SSRS & Tableau Dashboards.

Client : Partners Health

- Lead developer for Epic Clarity reports & extracts for the Revenue Cycle and Clinical Departments.
- Developed large complex data extracts and automate those using SSIS.
- Developed packages for Data Warehouses across Partners entities.

Client : CVS Health

- Created data models & developed database structures
- Managed and administered large scale data warehouse databases
- Designed and developed custom ETL packages for Cogito Data Warehouse using SSIS.
- Analyzed non-Epic datasets to identify required data elements to be moved into Caboodle.
- Excellent understanding of dimensional data modelling, star schema, fact tables and dimension tables.
- Developed extracts using SSMS and automated data extract jobs using SSIS.
- Developed reports using SSRS and Dashboards using Tableau.

Client: Providence Health

- Responsible for build, test, and report configuration in Clarity and Reporting Workbench for the implementation of the Epic system.
- Extensive experience creating large daily extracts from different Clarity Data Models for PHS Community Connect Clients and automate them using Informatica.
- Experience in developing complex aggregated datasets to load into Data Warehouse.
- Used Informatica to automate data extracts.

Senior Consultant, 01/2012 to 04/2013
Aon Corporation – Virtual, WI

- Lead Business Analyst for Endeca Search Implementation Project.
- Gathered and translated requirements, through a variety of interviewing methods, analysis and facilitation techniques, created coherent report design documents which led to successful BI solutions.
- Acted as a liaison between company business owners and technical associates within to ensure data collected and processed were actionable and relevant to business needs.
- Owned and managed complete projects, which included understanding business processes that the application supported all the way through roll-out and support.

Business Analyst, 04/2010 to 12/2011
ManpowerGroup – City, STATE

- Lead Business Analyst for ManpowerGroup iPhone application.
- Gathered business requirements from various departments via interviews & surveys.
- Worked directly with the IT teams from different countries to understand the integration issues & provide resolutions.
- Querying of source and target databases for unit testing.
- Produced ad-hoc queries and developed reports to support business needs.

Education

MBA: Executive MBA, 2022
Kent State University - Kent, OH

Master of Science: Electrical Engineering, Telecommunication, 2008
University of Maine - Orono, ME

Master of Science: Software Engineering, AI And Robotics, 2006
Sharif University of Technology - Tehran, Iran

Bachelor of Science: Computer Engineering, 2001
University of Culture And Science - Tehran, Iran