**John Doe**

**123-122-4908/Jogm12w3srszdoetest**[**@gmail.com**](about:blank)

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**Seasoned IT professional with passion for data and data architecture. 11 Years of experience in analyze, design, implementation and management of the data lake, data warehouse, data marts and various frameworks that support the enterprise data Initiatives. Involvement with complex data relations, business necessities, and data models and formulate efficient solutions utilizing modern data architecture and technologies. Present solutions to the Data Management organizations with the use of Cloud Data Lake, Cloud Data Warehouse and BI technologies.**

Multi-dimensional, proactive, hands-on technical Manager & Certified Scrum Master experienced as a Multi Cloud Engineer, Data Engineer, Analyst and Big Data Developer and BI ETL Specialist with 10+ years of leading experience as an Architect, Cloud Engineer, Senior ETL Data Warehouse Lead Developer, Senior ETL Administrator, MDM, CDC, Data Quality Developer and Sr. Business / Data Analyst. Equipped with strong qualifications in analyzing, profiling and building Balanced, Efficient and Optimized Data Lakes, Data Warehouses and Data Marts. Highly structured and experienced with all phases of Data Warehouse SDLC enforcing standards and best practices in ETL Architecture and design techniques.

Managed and Implemented multiple and successful projects involving Data Extraction, Data Migration, Data Quality and Data Cleansing for various operational and transactional systems using various Cloud technologies like GCP, Microsoft Azure; ETL / ELT Informatica Power Center, Informatica Data Quality Developer / Analyst, Oracle Data Integrator, IBM Datastage, Microsoft SSIS.

Implemented and Managed various project management methodologies including Waterfall, Scrum Agile – XP, Kanban, CDD, Crystal and Hybrid projects facilitating, organizing, leading and motivating multiple development teams. Involved in Onshore / Offshore models – effectively delegating tasks and coordinating diverse teams to accomplish project work and enhance productivity. Successful history of resolving production issues and coordinating teams on production support projects.

Recognized for aptitude to prioritize, coordinate and execute responsibilities accurately and reliably. Led integrated development efforts and motivated teams in a fast-paced working environment in an organized and detail-oriented manner. Collaborative team player demonstrating innovation, comprehensive problem solving and constructive communication.

**Professional Summary:**

* **Around 11 years of total (North America) IT experience in the Analysis, Profiling, Data Quality, Design, Modeling, Development, Implementation and Testing of Data late and Data Warehouse applications acquiring excellent analytical, co-ordination, interpersonal skills with immense leadership potential.**
* Around 10 years working experience with expertise in Architecture, Administration, Data Quality and Strong Development Background using Informatica tool set, Microsoft SSIS, IBM DataStage and ODI stack.
* Around 10 years of strong experience in installation, configuration and administration of Informatica Power Center, Power Exchange and Power Mart Client Server. Designing/developing complex mappings, from varied transformation logics. Proficient in using Workflow Manager Tools such as Task Developer, Workflow Designer, Work-let Designer, Informatica Data Quality Developer and Informatica Data Analyst. Experience in performance tuning of sources, mappings, targets and sessions.
* Designed and developed Cloud projects and deployed to Web Apps, PaaS, and IaaS. Hands on experience in Azure Development, Data Engineering using Databricks, Worked on Azure web application, Azure storage, Azure SQL Database, Virtual machines, Azure AD, Azure Cloud Services, Azure Monitoring, Key Vault, Virtualization and Azure SQL.
* 8 years of strong experience in OLTP/OLAP System’s, Analysis & E-R modeling, developing Star schema and Snowflake schema in relational, dimensional and multidimensional modeling using Erwin and ER Studio.
* Around 8+ years of experience in Database such as DB2, Netezza, Teradata, Oracle 10g/9i/8i, SQL Server 2000/2005/2008 R2 and also with SAP, SAP BW, SAP BW Extractors and SAP ECC Data.
* Strong leader with experience training developers and advising technical groups on ETL best practices.

**Technical Knowledge:**

Operating Systems UNIX, Windows, Linux

Programming Languages C, C++, Java, Python, PL/SQL

Databases / ERP/CRM Oracle, Netezza, Teradata, Yellowbrick, DB2, SQL DB, IBM Infosphere, SAP, Synapse, Cosmos DB, Salesforce, Hadoop, MDM, CDC, B2B

ETL Tools Informatica Power Center, SSIS, ODI, DataStage.

Cloud Engineering GCP, AWS, Azure - Data Factory, Data Lake, Databricks, Synapse, Snowflake

Data Quality Informatica Data Quality Developer / Data Analyst

Business Intelligence Tools Tableau, Business Objects, Erwin and ER Studio

Scheduling tools ESP (TSO), Control M and Autosys

Certifications Certified Scrum Master (CSM)

Professional Expérience :

**Company: Qurate Retail Group (HSN / QVC) August 2019 – Present**

**Role: Scrum Master / Product Owner / Manager**

Qurate Retail Group comprises eight leading retail brands – QVC®, HSN®, Zulily®, Ballard Designs®, Frontgate®, Garnet Hill®, Grandin Road®, and RyllaceTM – engaging customers via television networks, ecommerce sites, social pages, mobile apps, print catalogs, and in-store destinations. Qurate Retail, Inc. (NASDAQ: QRTEA, QRTEB) includes the Qurate Retail Group portfolio of brands as well as other minority interests and green energy investments.

**Roles and Responsibilities:**

* Designing, Implementing and Supporting existing projects on Traditional Data warehousing, On Prem Capacity planning and retirements.
* Managed and Implemented POC Project of GCP Cloud migration initiative and completed it with major findings in alignment with Company interest.
* Lead POC Project for Snowflake in determining the usage with the current business initiatives.
* Experience in Designing, Architecting and implementing scalable cloud-based web applications using GCP.
* Set up a GCP Firewall rules in order to allow or deny traffic to and from the VM's instances based on specified configuration and used GCP cloud CDN (content delivery network) to deliver content from GCP cache locations drastically improving user experience and latency.
* Experience in designing a Terraform and deploying it in cloud deployment manager to spin up resources like cloud virtual networks, Compute Engines in public and private subnets along with AutoScaler in Google Cloud Platform.
* Analyze Business/Functional requirements and Create Design Documents of quarterly releases planning and designing solution for software components to meet Business/Functional requirements of New and Ongoing projects.
* Experience in Design and Development of ETL methodology for supporting Data Migration, data transformations & processing in a corporate wide ETL Solution using Teradata TD 14.0/13.0/12.0.
* Experience in integration of various data sources definitions like SQL Server, Oracle, Teradata SQL Assistant, MYSQL, Flat Files, XML and XSDs.
* Experience on Teradata tools and utilities (BTEQ, Fast load, Multi Load, Fast Export, and TPUMP).
* Profound knowledge about the architecture of the Teradata database and experience in Teradata Unloading utilities like Fast export
* Technical Scrum Master for Multiple teams.
* Creating and Designing solution for various system components using Solution Architecture based upon Microsoft Azure Services.
* Involved in analysis, design and development of custom solutions/applications using Microsoft Azure technology stack.
* Involved in Cloud Data lake and Warehouse project Designing and developing Data Flows, Maps, transforming data across different stages of architecture.
* Extensively used Databricks, Azure Data Factory and various pipelines.
* Creating code drops / patches for deployment in pre-production and production environment for applications within On-Prem, Cloud and hybrid systems.
* Perform and provide Sprint Demo & Peer’s Code Review with stake holders and clients.
* Always actively participate in four ceremonies: Sprint planning meeting, Daily Scrum, Sprint review meeting, and Sprint retrospective meeting.

**Environment: GCP, Microsoft Azure, Databricks, Informatica 10.x, IBM Datastage, SAS, C, C++, Python, PL/SQL, MDM, B2B, CDC, Snowflake, Kafka Q, Hadoop, HIVE, Spark, Python, Map Reduce, Micros Strategy, Oracle, Netezza, IBM Infoshpere, Yellowbrick, Aginity, TOAD, ER Studio, Control M.**

**Company: Catalina Marketing, Saint Petersburg FL May 2015 – August 2019**

**Role: Scrum Master / Product Manager**

Catalina Marketing Corporation Inc. provides digital media solutions for the consumer-packaged goods (CPG) industry. The company enables users to purchase through mobile, online, and in-store networks. It delivers advertising messaging and promotions based on shopper purchase insights via mobile phones and devices. The company’s network spans digital, in-store, and mobile channels driving measured lift and loyalty CPG brand manufacturers and retailers. Its in-store mobile commerce platform enables CPG retailers to incorporate scan and bag, asset protection, personalized digital media, and location-aware engagement into their existing mobile applications. The company serves grocery, drug, and mass merchant stores in the United States. The company was founded in 1983 and is based in St. Petersburg, Florida. It has operations in the United States, the United Kingdom, the Netherlands, Japan, Italy, Germany, France, and Belgium

**Roles and Responsibilities:**

* Part of the Big Data Project providing ETL Expertise for converting Catalina legacy data from SAS, C and C++ programs using Infomatica. Provide solutions for Development Scrum team and assigned multiple tickets (tasks) pertaining to ETL and ELT various development teams.
* Sourcing AWS / Azure platforms from KAFKA onto HADOOP (HDFS, MapReduce and Hive) and using Informatica as ETL.
* Extracted data from different sources like MVS data sets, Flat files (“pipe” delimited or fixed length), excel spreadsheets and Databases.
* Used Teradata utilities FAST LOAD, MULTI LOAD, TPUMP to load data.
* Wrote, tested and implemented Teradata Fast load, Multiload and BTEQ scripts, DML and DDL.
* Used BTEQ and SQL Assistant (Query man) front-end tools to issue SQL commands matching the business requirements to Teradata RDBMS.
* Implemented Cloud Engineering project for On-Prem to Cloud using GCP and Azure.
* Worked on google cloud platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.
* Setup GCP Firewall rules to allow or deny traffic to and from the VM's instances based on specified configuration and used GCP cloud CDN (content delivery network) to deliver content from GCP cache locations drastically improving user experience and latency.
* Exceptional background in analysis, design, development, customization and implementation and testing of software applications and Catalina Marketing products. Worked on all phases of data warehouse development lifecycle, from gathering requirements to testing, implementation and support existing Catalina Marketing manufacturing system.
* Worked with Retailer basket data, Customer data, Finance data, Promotions and redemptions data from multiple retailers for Catalina.
* Renewing the existing process with new ETL methodologies and implementing ELT approaches for improving performance and reporting needs.
* Migrated big batch of legacy data to new the new Data Warehouse as part of Big Data Project and data conversion onto multiple data marts.
* Built multiple queries and complex SQL's on Netezza, Tuning and implementing new strategies on Database optimizations.
* Creating new ETL and ELT methodologies in Infomatica and Aginity creating reports to commercial and financial leaders making marketing decisions.
* Created Autosys scripts to run ETL Infomatica and other shell jobs.
* Providing solutions needing to be highly efficient and functional to deal with high volumes of data across multiple data marts.
* Scheduling jobs using Autosys, jobs execute multiple environment tools like Infomatica and DB Scripts.
* Communicate with the DA's for new solutions in implementing robust ETL's and ELT platforms.
* Assist in the continuing evolution of solutions ensuring we are on the vanguard of technologies.
* Implemented Slowly Changing dimension methodology type 1 (No History) and type II modeling for accessing the full history of accounts and transaction information.
* Optimized the performance of the mappings by various tests on sources, targets and transformations. Identified the Bottlenecks, Removed the Bottlenecks and implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Providing developments technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.

**Environment: Informatica Power Center (Designer 7.x/8.x/9.x/10.x, Repository Manager 7.x/8.x/9.x/10.x Workflow Manager 7.x/8.x/9.x/10.x), IBM Datastage, MDM, B2B, CDC, SAS, C, C++, PL/SQL, AWS/ Azure, Kafka Q, Hadoop, HIVE, Map Reduce, Micros Strategy, Flat files, Oracle, Netezza, Yellowbrick, Aginity, TOAD, ER Studio, UNIX Shell Scripting, ERWIN and Autosys.**

**Company: Lochbridge (Former: Compuware Corporation)**

**Client: Brady Corporation, Milwaukee WI May 2012 – April 2015**

**Role: Business Intelligence Specialist**

As a part of building Enterprise wide Data warehouse for Brady Corporation which involved implementation in three phases, I was part of the project as an ETL Development Team Lead and ETL Administrator. The phase 1 was building a SASMart for which the Data is being migrated from SAP, SAP BW, Informix and Google Analytics. The team was involved in staging the data from multiple sources and from different schedules and transforming it according to the SAP BW transformations. The main aim of phase 1 to bring in Customer, Contact, Order and Billing related Data for Phase 2 SAS Reporting. Data is being extracted using Informatica and reported using SAS on Microsoft SQL Server environment. Phase 2 of the projects was to bring in Complex transformations as part of SAP BW data Extraction facilitating SAS Users and Helping Business in reporting. Phase 3 involved Marketing Automation of the Data from SAS, SAP and SAP BW for Campaigning and Catalog needs of Brady Products. Extensively worked with **SAP BASIS** consultants understanding the requirement and coordinating the same on to the existing timelines for the project. Also involved in the ETL detailed architecture as part of the data being ETL’d from SAP BW Extractors. Extensively used **ABAP** programming while generating power exchange application layer protocols. Presently all the three phases are being supported 24\*7 and new developments are in progress.

Created standardized ETL architecture for existing SAP Extractor and SAP BW Extractors belonging to Billing, Orders, Customers and Sales and Distribution data. Created ODI design documents from the existing Informatica mappings in development of ODI interfaces/packages. Performance tuned the interfaces, queries through use of indexes, ranks, Oracle hints, exchange partitions etc. Created ODI interfaces for loading the data from multiple databases and flat files. Participated in code reviews, ODI Code migrations from dev to test, staging and production environment using ODI. Worked extensively with ODI Designer, operator and metadata Navigator. Good understanding of ODI architecture and installation of Topology, Security Manager, agents, Designer, Operator, Master repository and Work repository

**Role & Responsibilities:**

* Analyzed the source data coming from heterogeneous databases, SAP, SAP BW, XML and Flat files. Worked with Data Warehouse team in developing Data Mart.
* Most of the data was sourced from SAP ERP Central Component i.e. SAP ECC and ETL rules was applied on the same
* Designed ETL specification documents to load the data in target using various transformations according to the business requirements.
* Lead a group of developers in the team by assigning them work and help them whenever necessary to complete their work within the specified time.
* Extracted data from mainframe did cleansing, transformations using ODI and loaded into Oracle database.
* Created interfaces for loading policy elements, TFS, Forms, CFR, DRVR CRS, etc into the CR
* Used all the ODI components – Topology Manager, Security Manager, Designer, Operator and Repository Explorer.
* Used Informatica Designer to create Load, Update and CDC mappings using different transformations to move data to different data marts in Data Warehouse.
* Developed complex mappings in Informatica to load the data from various sources into the Data Warehouse, using different transformations like Source Qualifier, Expression, Lookup, Aggregator, Update Strategy, Joiner, and Rank.
* Created and Configured Mappings, Mapplets, Workflows, Worklets, and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
* Informatica Administrator.
* Scheduling the sessions to extract, transform and load data in to warehouse database on Business requirements. Created the schedule using Control M and ran the jobs on Windows server.
* Implemented Slowly Changing dimension methodology for accessing the full history of accounts and transaction information.
* Optimized the performance of the mappings by various tests on sources, targets and transformations. Identified the Bottlenecks, Removed the Bottlenecks and implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Involved in Informatica Administration activities as and when it was time for Code deployments and rollouts.
* Involved in designing and creating the Impromptu reports, Drill through Reports and Transformer model depending on the environment.
* Performed testing, knowledge transfer and mentored other team members.

**Environment: Informatica Power Center, Informatica Administration, MDM, B2B, Data Quality, ODI 11g / 12c, Microsoft SQL server, Flat files, SAP, Informix, Exact Target, Google Analytics and Erwin.**

**Client: KOHL’s Corporate Head Quarters, Menomonee Falls – WI Oct 2010 – Apr 2012**

**Role: Sr. ETL - Informatica/Data Warehouse Consultant**

Worked with various teams at Kohls including Logistics, Merchandise and Item Services in specific for different iterations for building an Enterprise wide Data warehouse in various releases. Performed ETL activities for data from different sources i.e. from DB2, Mainframe’s, Oracle and various Flat files. Teradata being the target database and the implementation partner’s, I had to work closely with all the utilities, PDO techniques, Control frame work Process, metadata Scripts / Processes and applications of Teradata depending on the Business requirements and needs. Worked on many clean-up activities and History back fills when necessary for Mini Releases. After the ETL activities are done I worked with the QA and the reporting teams to keep them in sync with all the developments and Business rules for Test cases and reports. Performed numerous ETL activities on different Data marts for creating and loading Fact and Summary tables. I have also prepared, documented and executed many Implementation and Deployment plans as and when the production date’s hit.

**Role & Responsibilities:**

* Creating the Decision Design Documents for initial approval of the ETL plan and Sign offs.
* Designed ETL Technical specification documents to load the data in target using various transformations according to the business requirements.
* Used Informatica Designer to create Load, Update and CDC mappings using different transformations to move data to different data marts in Data Warehouse.
* Developed complex mappings in Informatica to load the data from various sources into the Data Warehouse, using different transformations like Source Qualifier, Expression, Lookup, Aggregator, Update

Strategy, Joiner, and Rank.

* Created and Configured Workflows, Worklets, and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
* Scheduling the sessions to extract, transform and load data in to warehouse database satisfying all the Business requirements. Created different jobs using UNIX shell scripting to call the workflow and run the preload and post load on UNIX server. Created the schedule using ESP and ran the jobs on UNIX server.
  + Code and unit test all components of the ETL processes.
  + Ensure data quality through the use of appropriate error handling techniques and reprocessing logic.
  + Conduct code reviews and walk through with appropriate Kohl's associates to ensure standards are being followed.
  + Execute and complete unit test cases with actual results, screen shots and pass/fail conditions.
  + Prepare the test environment with valid data to enable the report writers to develop Business Object reports.
  + Prepare the test environment with valid data to ensure proper User Acceptance testing.
  + Support the business during User Acceptance testing.
  + Prepare implementation plans that support Kohl's change management process for promoting new/changed applications into production.
  + Provide support for any production issues due to changes being implemented into the production environment.
  + Answer user questions and resolve data discrepancies.
  + Develop mitigation strategies to minimize impact of issues and risks.
* Implemented Slowly Changing dimension methodology type 1 (No History) and type II modeling for accessing the full history of accounts and transaction information.
* Optimized the performance of the mappings by various tests on sources, targets and transformations. Identified the Bottlenecks, Removed the Bottlenecks and implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Worked on pushdown optimization using Teradata TPT and used BTEQ, MLOAD and FASTLOAD.
* Involved in generating various reports using BO XI.
* Involved in designing Universes incorporating all the business requirements and creating hierarchies to support drill down functionalities in reports.
* Involved in performance tuning of reports and unit testing and documenting the processes.
* Performing on-call support for production applications.

**Environment: Informatica Power Center (Designer 7.x/8.x, Siebel 7.0.3, Siebel Analytics 7.5, ,Repository Manager 7.x/8.x, Workflow Manager 7.x/8.x),Informatica Power connect, First logic, BO 6.5/ XI, Flat files, Oracle, DB2,Netezza, Teradata Administrator, Teradata SQL Assistant, TOAD ,Embarcadero, ESP, Mainframe, UNIX Shell Scripting and Erwin.**

**Client: Galaxy I Technologies (Massachusetts Financial Services, Boston, MA) Aug 2010 – Sep 2010**

**Role: ETL Informatica Developer**

MFS has always believed that bottom-up, active management is the best way to exploit the inherent inefficiencies in the financial markets. This was a short-term project working with the HR technology management and also with consolidation of folders in the repositories in order to reduce duplication and risk of inaccurate source definitions.

* Designed ETL specification documents to load the data in target using various transformations according to the business requirements.
* Worked as a part of Informatica maintenance and administration project to improve readability and reporting in Informatica repository.
* Used Informatica Designer to create Load, Update and CDC mappings using different transformations to move data to different data marts in Data Warehouse.
* Involved in complex mappings in Informatica to load the data from various sources into the Data Warehouse, using different transformations like Source Qualifier, Expression, Lookup, Aggregator, Update Strategy, Joiner, and Rank.
* Consolidated and standardized the power center source definition.
* Optimized the performance of the mappings by various tests on sources, targets and transformations. Identified the Bottlenecks, Removed the Bottlenecks and implemented performance tuning logic on targets, sources, mappings, sessions to provide maximum efficiency and performance.
* Performed testing, knowledge transfer and mentored other team members.

**Environment: Informatica Power Center 8.1.1, Flat files, Oracle 9i, TOAD 10.1.1.8, TOAD data analyst 2.5.1, Tivoli, UNIX, Sybase Workspace 2.1.0.**

**Client: Galaxy I Technologies Scottsdale, AZ Jan 2009 – Jun 2010**

**Role: Informatica/DW Consultant**

Galaxy is a worldwide information technology consulting services and solutions company. Galaxy provides onsite and offshore solutions for various IT related projects.

**Responsibilities**

• Worked as a SQL server 2000/7.0 Developer, writing TSQL code.

• Designing of the database and the tables.

• Building multi table relationship and writing stored procedure to clean the existing data.

• Created tables, views and indexes.

• Created Views for Extracting Data for Various tables for Report Generation.

• Performed Database Normalization.

• Coding of database Triggers, Stored Procedures and Maintaining Integrity Constraints.

• Creating new stored procedures and modifying the existing ones.

• Worked on improving the Query performances.

• Developed template Excel 2000 reports to allow the manager to analyze the data accessing SQL server.

• Supported production environment.

**Environment: MS SQL Server 2000/7.0, Query Analyzer, BCP, Windows 95/98/NT.**

**Education & Certification:**

* **Pursing Master of Business Administration from Bethel University Minnesota.**
* **Masters of Sciences in Electrical Engineering from Minnesota State university at Mankato**
* **Bachelor in Electronics and Telecommunication engineering from IETE University, India**

**References:** Provided upon request...