**Jason Mamoz**

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**PROFESSIONAL SUMMARY**:

* Data Analyst with Over 8+ years of industry experience in Data Analysis/ data modelling, process flow and quality assurance skills.
* Strong working experience in the Data Analysis, Design, Development, Implementation and Testing of Data Warehousing using Data Conversions, Data Extraction, Data Transformation and Data Loading (ETL).
* Experience in dealing with different data sources ranging from Flat files, Oracle, Sybase, SQL server, Teradata, Ms Access and Excel. Good command over Logical and Physical entity relationship data modeling using Erwin, Oracle Designer and Power Designer.
* Extensive experience in Strategic development of a Data Warehouse and in Performing Data Analysis and Data Mapping from a Operational Data Store to a Enterprise Data Warehouse.
* Good command in Data modeling using case tools like ERwin, Oracle Designer, Power Designer & E-R/Studio.
* Extensive use of MS Office tools like MS Access, MS Word, MS Excel and MS PowerPoint MS Project for data migration in to the CI System Knowledge Data Base in Microsoft Share Point.
* Experience in development methodologies like RUP, SDLC, AGILE, SCRUM and Waterfall
* Extensive experience working in back end tester by writing SQL Queries and PL/SQL scripts on large data warehouse systems involving Terabytes worth of data. Extensive experience in Data Analysis and ETL Techniques for loading high volumes of data and smooth structural flow of the data.
* Extensively worked on Dimensional modeling, Data cleansing and Data Staging of operational sources using ETL processes. Strong in database design, domain modelling and ER diagrams design.
* Experience in Data Transformation, Data Loading, Modeling and Performance Tuning.
* Experience in conducting User Acceptance Testing (UAT)

**TECHNICAL SKILLS:**

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| **CATEGORY** | **DESCRIPTION** |
| **Operating Systems** | Windows NT/98, XP, 2000, Unix |
| **Application Software** | MS Office suite, Rational Suite, MS Project |
| **Databases/Data Moudeling** | Erwin, Power Designer, ER Studio, SQL Server, Oracle, MS Access, DB2, Mainframe, Teradata |
| **Web Technologies** | HTML, XML |
| **Methodologies** | RUP, OOAD, UML & Business/Data Modeling, ER modeling |
| **Requirements Management Tools** | Requisite Pro, MS Visio |
| **Testing Tools** | Test Director, Quality Center, Quick Test Pro, Load Runner |
| **Process Modelling** | MS Visio, Rational Rose, Virtual User Generator |
| **Programming Languages** | Java, J2EE, SQL,SAS,JAVA, Python, ASP.NET, OBIEE,UML, Visual Basic |
| **Documents & Processes** | SRS, Use Cases, UML diagrams, FRS, UAT, Test plans & cases, Business Process Modelling, Project Planning & tracking |

**PROFESSIONAL ACCOMPLISHMENTS:**

**Bloomberg - Washington, DC Oct 2014 –Present**

**Sr. Data Analyst**

Created a reporting engine for executives and internal team.

Responsibilities:

* Created Data Stage jobs to extract, transform and load data into data warehouses from various sources like relational databases, application systems, temp tables, flat files etc.
* Generations of Surrogate ID are for the dimensions in the fact table for indexed and faster access of data.
* Create, execute and maintain data programs to answer business questions from Teradata.
* Communicated with Financial Analyst, Project Manager to gather financial data to perform data analysis and built financial data mart by using Teradata, Teradata SQL Assistant, SQL, and UNIX.
* Wrote ADHOC SQL to load tables, extract data and query Teradata Database for the user community and data analysis of the database.
* Used SAS ODS to create output files in different formats including PDF and RTF
* Performed numerous Ad-hoc requests, financial reports involving SQL scripts, UNIX, SAS and Teradata
* ETL process design, implementation and performance tuning (SQL, Teradata macros and stored procedures).
* Query optimization using SQL Profiler and performance monitors to enhance the performance of database servers.
* Involved in creating automated Test Scripts representing various Transactions, Documenting the Load Testing Process and Methodology. Created meaningful reports for analysis and integrated the Performance Testing in the SDLC.
* Converted various SQL statements into stored procedures thereby reducing the Number of database accesses (since Stored Procedures passes the whole block at one time.)
* Used the DataStage Designer to develop processes for extracting, cleansing, transforms, integrating and loading data into data warehouse database.
* Used SQL to test various reports and ETL load jobs in development, QA and production.
* Designed and developed Use Cases, Activity Diagrams, Sequence Diagrams, OOAD using UML and Business Process Modeling.
* Created UML (Class, Sequence and Component Diagrams) diagrams using Visio.
* Cleaned and formatted dirty data in redshift using SQL workbench and python queries
* Analysed the source data performed ETL scripts to flow the data source databases and created target aggregated datasets in Redshift using SQL workbench ,
* Sourced dimentional lookups and static flatfiles data from Teradata and postgre tables with python scripting
* Analysed the target report requirements from the business and created and published the creditwise dashboard , upmarketing dashboards in tableau
* Created Tableau Dashboards with interactive views, trends and drill downs along with user level security.
* Created dynamic tableau dashboard reports
* Wrote python scripts to parse and load the data in database
* Created data trace map and data quality mapping documents.
* Performed data profiling and data quality in the source systems

**Environment:** RUP, UML, SDLC, UAT, Data Stage 5.2, Oracle 8i, Windows NT, SQL Server, Visio, MS- excel, CSV files, UNIX , Sybase, Rational Test Manager, XML Spy, SOA, Data Stage, Rational Requisite Pro, Rational Clear Case,

**PNC Bank, Pittsburgh PA Jan 2013 – Sep 2014**

**Data Analyst/ Systems Analyst**

The task of the project is to monitor the incoming data, system performance and to provide data needed for the business and analyze the database. This Data Warehouse project will enable management to better leverage information collected within current operational systems to help in their decision making process. Populate the data mart databases with data from data warehouse and update metadata repository with details on nature and use, analyze data management systems, sub-system applications, mainframe data sets, databases and evaluate data import requirements conduct testing and help create reports.

**Responsibilities:**

* Analysed the requirements and segregated them into high level and low level Use Cases, activity diagrams using Rational Rose according to UML methodology thus defining the Data Process Models.
* Was responsible for indexing of the tables in that data warehouse. Used senior level SQL query skills (Oracle and TSQL) in analyzing and validating SSIS ETL database data ware house processes.
* Converted Business Requirements to the Functional Specification and Conducted JAD Sessions to develop an architectural solution that the application meets the business requirements, resolve open issues, and change requests.
* Manage large and complex data sets from bank internal data sources and external data vendors to help with pricing, marketing, customer research & segmentation and other strategic decisions, using data mining tools such as SAS, SQL, Excel, etc.
* Analyzed the data warehouse project database requirements from the users in terms of the dimensions they want to measure and the facts for which the dimensions need to be analysed.
* Responsible for physical/logical data modeling; metadata documentation; user documentation; and production specs. Identify business rules for data migration and Perform data administration through data models and metadata.
* Create and maintain requirements, test cases and defects in Mercury Quality Center
* Developed detailed ERDs and DFDs using various modeling tools and developed databases based on the system model following the techniques in SDLC (software development life cycle).
* Gathered, Analyzed and Translated systems requirements into technical specifications utilizing UML and RUP methodology. Responsible for creating different sessions and workflows to load the data to Data Warehouse using Informatica Workflow Manager.
* Analyzing the existing reports, reporting system. Worked on exporting data using Teradata.
* Utilized Agile/ SCRUM and PMI methodologies to monitor steer and develop project objectives.
* Implemented transformation component of DataStage to integrate the data and to implement the data to implement the business logic. Created Test Cases and scenarios for Unit, Regression, Data Integration as well as Back end and System testing.
* Created analysis with OBIEE. Custom OBIEE stock analytics on Teradata and SQL Server with custom Security.
* Proposed solutions to reporting needs and develop prototypes using SQL and Business Objects that address these needs. Developed data conversion strategy for data migration from legacy systems to Technology product modules
* Created physical and logical models and used Erwin for Dimensional Data Modeling.
* Created Entity relationship diagrams, Function relationship diagrams, data flow diagrams and enforced all referential integrity constraints using ER Studio.
* Develop and maintain sales reporting using in MS Excel queries, SQL in Teradata, and MS Access.
* Extensive experience in testing and implanting Extraction, Transformation and Loading of data from multiple sources into Data warehouse using Informatica.
* Worked on OBIEE (Oracle Business Intelligence Enterprise Edition 11g) for reports and analysis.
* Responsible to design, develop and test the software (Informatica, PL SQL, UNIX shell scripts) to maintain the data marts (Load data, Analyze using OLAP tools). Authored functional requirements documents [FRD] by interacting with development team for improving client’s legacy system.
* Extensive Data Warehousing experience using Informatica as ETL tool on various data bases like Oracle, SQL Server, TeraData, MS Access.
* Experience working with Microsoft Outlook to set up meetings, manage calendar etc.
* Experience working with Peer for maintaining Weekly Status and Planning.

**Environment:** Microsoft Outlook, MS Access, MS Excel, MS Word, MS Project, MS Visio, JAD, Teradata Test Track, Peer, SAS, Mainframe, SQL,OLAP, ERWIN,OBIEE, ER Studio,Clear Quest, Clear Case, Java, DB2 Database.

**Suisse Bank - New York, NY** **June 2010 – Nov 2012**

**Data Analyst/Systems Analyst**

Suisse Bank is a leading global wealth manager, top tier investment banking and securities firm, and one of the largest global asset managers. It provides a various range of products and services include Investment Banking, Equities, Fixed Income and Foreign Exchange. The project I worked on was aimed to integrate the present UBS fixed income trading system (Exchange and OTC traded derivatives) with the latest Order management and trading settlement system

**Project Responsibilities**

* Created context and workflow models, information and business rule models, Use Case and Object Models during the analysis using rational tools.
* Gathered analyzed, documented business and technical requirements from both formal and informal sessions and validate the needs of the business stakeholders.
* Provided Business Requirement Documentation (BRD) for the customers after thorough market and technology research and by analyzing current market trends.
* Incorporated Rational Unified Process (RUP) to create Business Requirement Document Specifications using MS Visio and MS Word. Reverse Engineered the existing ODS in to Erwin.
* Involved in extensive DATA validation using SQL queries and back-end testing
* Worked on profiling the data for understanding the data and ETL specification document.
* Collaborated with business and technical teams to reengineer and translate the current trading process into new requirements that encompassed an improved solution. This included defining a new trading flow, data mapping, data messages, exception handling, gaps and impacts.
* Understanding the specifications for Data Warehouse ETL Processes and interacting with the data analysts and the end users for informational requirements. Coordinated defects routing in the team and created Excel macros to generate daily defects report status from Quality center across multiple teams.
* Conducted interviews with key business users to collect requirement and business process information.
* Involved in the performance tuning of the DataStage Jobs and SQL queries. Facilitated JAD sessions and conducted peer review meetings periodically to keep track of projects milestones.
* Data Migration from disparate data sources into normalized data to eliminate redundant information and organizing the tables to easily maintain the table structures.
* Developed business requirement specification documents using Requisite Pro. Developed UML diagrams such as activity and other flows to document and present to business users using MS Visio.
* Performed requirements modeling and develop analysis diagrams, activity diagrams, sequence diagrams, state diagrams, data models, and use-case realizations using RUP tools in Agile.
* Worked with various ETL tools for the generation of data marts for reporting purpose. Worked with XML feeds from multiple sources systems and loaded the same into Enterprise data warehouse.
* Participated as lead analyst for JAD sessions pertaining to the Lease Management phase.
* Involved in Interface Design and Data Migration/Conversion and provided detailed process diagrams for the technical team.
* Acted as liaison for projects with other corporate functions like Technology, Legal, and Vendor Services.
* Conducted end-user testing; created testing strategy, test plan and performed test tracking for all scenarios.

**Environment:** Rational Suite (Rose, Requisite Pro), Windows XP/NT, ASP.Net, Oracle. MS SQL Server, JSP, XML, MS Office Suite, MS Visio,ERWIN, WinRunner, Test Director, Load Runner

## EDUCATION:

Bachelor’s in Computer Science from Washington State University, Pullman, WA, 2008