**Suresh**

**(845) 399-1694**

**Email:** [**sureshpasupuleti1987@gmail.com**](mailto:sureshpasupuleti1987@gmail.com)

**Microstrategy Architect/developer**

**Professional Summary**

* Over 8+ years of experience in Microstrategy in Analysis, design and Implementation of BI applications using Microstrategy 9i/8i/7i.
* Good experience in MicroStrategy 9 and Experience in Microstrategy Distribution services, OLAP Cubes and Microstrategy mobile.
* Expertise in Installing, configuring of all Microstrategy activities including Microstrategy Desktop, Administrator, Intelligence Server, Web and Microstrategy Narrowcast Server on NT Servers and mapping to Client machines.
* Worked closely with the business to Gather, Review, Validate and Document the Business Requirements
* Sound knowledge of 2-Tier Client/Server Architecture and N-Tire Architecture.
* Worked extensively on Oracle, IBM DB2, Netezza and SQL Server Database Environments.
* Worked with very complex data models for reporting in BI environment with multiple Dimensional data.
* Well versed with the Extraction Transformation and Loading (ETL) process.
* Implemented Microstrategy objects such as attributes, facts, hierarchies and complex metrics that conform to the dimensional and De-normalized data models.
* Strong Knowledge of Data Extraction, Data Integration, and Data Mining for Decision Support System using ETL and OLAP tools.
* Experience in Data Modeling and BI implementation with Database tuning.
* Close experience in Business Systems and Business Requirements Analysis & Documentation especially in the Ecommerce, Retail Industry, Pharmaceutical Industry, Financial Industry, Insurance and Telecommunications Industry.
* Strong knowledge of data warehouse concepts, design techniques such as Star, Snow Flake schemas, multi-dimensional data model analysis using OLAP, Physical and Logical data modeling.
* Intensive experience and exposure to all aspects of Microstrategy application such as Administration, Architecting and Development.
* Strong understanding of Data warehouse concepts, dimensional modeling using various Schemas and Multi-Dimensional Model with respect to query and analysis requirements.
* Quick learner, ability to work in groups or alone, ability to work on tight schedules.
* Team player with good interpersonal and communication skills and the ability to work in a team environment.

Technical Skills

|  |  |
| --- | --- |
| **Primary Skills** | Data Warehousing and business intelligence tools, Teradata Interface tools, Teradata SQL, Teradata Utilities (BTEQ, Fast Export, Fast load, Multi load, Tpump), GoldenGate, Talend Studio, Hive, SQL server |
| **Databases** | Teradata V2R6/13/13.10/14/14.1/15, Oracle 11/10g/9i/8i/8.0/7.0, Netezza, DB2., MS SQL Server,Hadoop |
| **Reporting Tools** | Microstrategy Desktop 9.2.1, 9.0.x, 8.x, 7.5; Microstrategy Architect; Microstrategy Narrowcast Server; Microstrategy OLAP Services; Microstrategy Object Manager; Microstrategy Mobile. |
| **Languages** | C, C++, SQL, PL/SQL, Shell scripting, TSQL |
| **Platforms** | Windows 95/98/NT/2000/7/8/10/XP, Unix |
| **Miscellaneous Tools** | MS Office, Erwin, Business Objects, Teradata’s Customer Interaction Manger, SQL Assistant, Teradata Administrator, Talend Studio,visual explain, Control M, MS Visio, |

**Professional Experience**

**Lumeris, MO Feb 2015 – Till Date**

Role: Sr. MicroStrategy/ Teradata Developer

**Responsibilities:**

* Interacted with the data modeling team for the Logical and Physical model design.
* Involved in designing the Conceptual model.
* Involved in creating the Aggregate tables considering both the Technical Feasibility and Business Feasibility to improve reports performance.
* Trained in to Teradata Marketing intelligence application for taking the reports.
* Deployed the emails through Teradata DMC.
* Involved in loading of data into Teradata from legacy systems and flat files using complex MLOAD scripts and FASTLOAD scripts.
* Created Teradata External loader connections such as MLoad, Upsert and Update, Fastload while loading data into the target tables in Teradata Database.
* Write numerous BTEQ scripts to run complex queries on the Teradata database.
* Loading data by using the Teradata loader connection, writing Teradata utilities scripts (Fastload, Multiload) and working with loader logs.
* Reduced Teradata space used by optimizing tables – adding compression where appropriate and ensuring optimum column definitions.
* Used BTEQ and SQL Assistant (Query man) front-end tools to issue SQL commands matching the business requirements to Teradata RDBMS
* Used the concept of Partition Reference tables and built the reports with data from two databases.
* Created lookup tables for the Customer Demographics data.
* Designed the schema in Microstrategy Desktop based on the business requirements.
* Created Attributes, Facts, Dimensional Hierarchies and all the public objects like Metrics, Custom groups, prompts and filters.
* Created Hierarchical prompts, nested prompts, object prompts.
* Created customized Custom Groups with complex filters and Relationship filters.
* Created Complex reports for analysis (like Market Basket analysis) with custom groups, Transformations and complex filters.
* Designed efficient BI Dynamic Dashboards for the business users with dynamic prompt answers and with multiple data sets in both Microstrategy Desktop and Microstrategy Web
* Created Ad-hoc reports with dynamic prompt answers for the end users to generate.
* Worked with the Microstrategy technical support to troubleshoot the dynamic display of prompts in the web mode and some other Report related issues.
* Used the VLDB properties for performance tuning and SQL optimization.
* Created Transformations like Last Month to This Month and also created the required transformation tables.
* Worked with Netezza DBA team to improve the report performance.
* Performed the ETL, UAT and System tests on the warehouse tables and the reports.

**Environment**: Microstrategy 9.2.1(Desktop, Administrator, Architect, Intelligence Server, Web,Teradata R15 (BTEQ, SQL Assistant, Multiload, Fast Load, Multiload, Agent), Microstrategy, Data Stage, Object Manager, Teradata V12.0, Netezza, SQL Server, Windows, Erwin, MS SQL Server, DTS, Teradata, Windows.

**Care First**, **IL Jan2014 – Jan 2015**

Role: Sr.MicroStrategy/ Teradata Developer

**Responsibilities**:

* Served as Primary Micro Strategy developer for the full lifecycle of the data warehousing project from requirement gathering from business analysts to rollout.
* Designed and developed Dashboards using Microstrategy Report Service Documents for various products and services in Insurance Service Group.
* Development of scripts for loading the data into the base tables in EDW using FastLoad, MultiLoad and BTEQ utilities of Teradata.
* Worked on Teradata SQL, BTEQ, MLoad, Fast Load, and Fast Export for Ad-hoc queries, and build UNIX shell script to perform ETL interfaces BTEQ, Fast Load or Fast Export
* Wrote numerous BTEQ scripts to run complex queries on the Teradata database. Used volatile table and derived queries for breaking up complex queries into simpler queries.
* Moved data from Teradata to oracle using SQL loader.
* Hands On experience creating, converting oracle scripts (SQL, PL/SQL) to Teradata scripts
* As per business requirement, designed developed and maintained Microstrategy based reports.
* Created Enterprise Manager Reports for various analyses.
* Administration of ASKIG project including maintenance and User Management.
* Configuration of Narrowcast server and Involved in various Narrowcast tasks like creating Documents, service designs, subscription, administration and scheduling.
* Created Attributes, Metrics, security filters and other report objects, drilling, defined hierarchies using Micro Strategy Desktop.
* Manipulated attribute and attribute forms properties to enforce right table joins.
* Used Microstrategy functions such as Apply Simple, Apply Comparison in the metric calculations and used in different reports.
* Involved in Migration process of ASKISG project from Insurance Service Group environment to Centre of Excellence, Bank of America.
* Closely worked with ETL team for maintaining the quality of the data and reconcile Fact and lookup tables for finding the Gap analysis.
* Upgraded the Microstrategy 8.0.1 version on Windows to the 9.0.1 Version on UNIX.

**Environment:** Microstrategy 9.0.1/8.x (Desktop, Architect, Netezza, Report Services Document, Web, Narrowcast Server), Teradata V14, BTEQ, FAST EXPORT, FLOAD,DTS, SQL Server 2000, Teradata, Windows.

**LA Health Care, March2012 - Dec 2013**

Role: Microstrategy Architect

**Responsibilities:**

* Effectively Tuned Microstrategy implementation for greater performance based on recommendations from internal testing.
* Provide mentorship to the peers in the areas of performance and tuning and best practices for all projects across all environments.
* Proficient in importing/exporting large amounts of data from files to Teradata and vice versa.
* Developed the DW ETL scripts using BTEQ, Stored Procedures, Macros in Teradata
* Development of scripts for loading the data into the base tables in EDW using FastLoad, MultiLoad and BTEQ utilities of Teradata.
* Used Teradata Data Mover to copy data and objects such as tables and statistics from one system to another.
* Used Teradata Data Mover for overall data management capabilities for copying indexes, global temporary tables.
* Created proper Primary Index taking into consideration of both planned access of data and even distribution of data across all the available AMPS.
* Wrote numerous BTEQ scripts to run complex queries on the Teradata database.
* Used volatile table and derived queries for breaking up complex queries into simpler queries.
* Created a cleanup process for removing all the Intermediate temp files that were used prior to the loading process. Streamlined the Teradata scripts and shell scripts migration process on the UNIX box.
* Experienced administrative capabilities; Project Setup (Installing, configuring, managing and controlling) and Project Lifecycle Management.
* Perform periodic Health Checks of the Intelligence Server and Narrowcast server installation in all environments to determine the current state of server parameters, performance, as well as identify potential issues and limitations.
* Run Integrity Manager to Compare/Analyze discrepancies at the Data, SQL and Graph levels before Project migrations and software upgrades.
* Migration planning and implementation with all supported service packs, hot fixes, and patches.
* Configure, manage clustering of Multiple Intelligence server nodes and web server nodes to implement automatic failover, load balancing and boost the performance and scalability.
* Best practices using standardized methodology for coding, development, test and implementation processes.
* Create and manage Microstrategy application objects, schema objects and configuration objects.
* Embed hand-crafted SQL statements directly into the Microstrategy BI platform using The Freeform SQL editor.
* Define/Create system hierarchy/user-defined hierarchy and controlling (lock, limit and filter out) the attribute elements in hierarchy.
* Defined advanced prompt expressions to create Hierarchy prompt, prompt-in-prompt and nested prompts
* Provide optimum performance and scalability through Multi-pass SQL, Aggregate tables and VLDB settings.
* Automate all repetitive tasks and allow them to be initiated on time-based or event-based triggers.

**Environment**: Microstrategy Suit 9.0.1, Netezza, IBM DB2/AIX64 9.1.3, Service Centre 5.1,Teradata SQL Assistant, Windows 2003/2005.

**Automobile**, **NY Aug 2011 – Feb 2012**

Role: Microstrategy Architect/Developer

**Responsibilities:**

* Meeting with business users for requirements gathering
* Worked with the Data Modelers for creating the Dimensional Model based on the requirements
* Involved in Analysis, design and Construction of the Metadata
* Architected the projects and created Schema Objects like Attributes, Facts, Hierarchies, Transformations and Public Objects like Metrics, Filters, Prompts, Consolidations, Custom Groups, Drill maps and Templates.
* Managing Schema Objects and application objects across the project by using Object Manager.
* Created reports and dashboards for users to slice the Data across various Hierarchies.
* Involved in the creation of Aggregate Tables to improve performance of Enterprise Reports.
* Expertise in customize SQL query by setting VLDB properties at different levels Database Instance, Report and Metric.
* Created Administration Tasks like creating User Accounts, Assigning Privileges and applied Security Filters.
* Involved in migration of Business Objects Documents to Microstrategy Documents.
* Created services using Subscription sets, Schedules, Information Objects.
* Involved in setting Result Caches, Object Caches at Intelligence Server to improve performance of the report.
* Involved in Microstrategy Intelligence Server performance monitoring and managing cache expiry times.
* Used Enterprise manager to create reports on the project usage and report usages.

**Environment**: Microstrategy Desktop 8.1, Netezza, Microstrategy Architect 8.1, Microstrategy Intelligence Server 8.1, Microstrategy Web 8.1, SQL, SQL \*Loader, Oracle 10g, Windows 2003, UNIX.

**Tech Mahindra,INDIA May 2009 –Apr2011**

Role: Microstrategy Developer / Tester

**Responsibilities:**

* Created Microstrategy objects like Reports, Ad-hock reports, Documents, Prompts, Filters, Metrics, Facts, Consolidations, Custom Groups, Attributes Transformations and Hierarchies.
* Created Schema Objects like Attributes, Facts and Hierarchies that map to the physical warehouse.
* Created several base formulas (mathematical expressions) using existing facts in Microstrategy 7.x that can be re-used to build any number of Metrics.
* Customized Reports, Documents and Deployed them to Microstrategy Web.
* Created customized interfaces using ASP and Web API’s.
* Extensively used Bugzilla to report and resolve the bugs encountered in the QA process.
* Environment: Microstrategy 7/7.5, Oracle 9i, Oracle IAS, Windows NT/Windows 2000.

**Environment**: Microstrategy Suit 8.0.1, Netezza, IBM DB2/AIX64 9.1.3, Service Centre 5.1,Windows 2003/2005.

**Education**

Bachelor of Science in Engineering