DEVI MANICKAVASAGAM

**PROFESSIONAL SUMMARY**

* Almost 7 years of experience in all the phases of the Data warehousing and Business Intelligence solution life cycle. Coherent with Data Cleansing, Data Conversion, Performance Tuning, System Testing. Worked on all phases of data warehouse development lifecycle, from gathering requirements to testing, implementation, and support.
* Microsoft Certified Professional – SQL Server 2000 Design and Implementation 70-229
* Expertise in using SSIS, SSAS, SQL Server reporting services for Authoring, Managing and Security.
* Strong knowledge in Microsoft mining and implement solutions by MS Analysis Services.
* Designed FACT & Dimensions Tables, Physical & Logical Data Models using ERWIN Tool.
* Expert on Star, Snowflake, and Unified data models, Normalization and De-normalization.
* Hands on experience in implementing object oriented methodology and other techniques.
* Ability to work effectively in fast paced Environments.
* Designed and developed enterprise reports (SSRS/Business Objects) using the data from ETL Loads, SSAS Cubes and various heterogeneous data sources.
* Experienced in generating on-demand (ad-hoc reports) for business analysis or management decision using SQL Server Reporting Services.
* Experience in various Database Design techniques, Data Modeling, Creating ER Diagrams using tools such as Visio and Erwin
* Designed and developed more than 50+ enterprise reports(SSRS/Business Objects) using the data from ETL Loads, SSAS Cubes and various heterogeneous data sources
* Extensive experience in performance monitoring and tuning, troubleshooting, enterprise level replication. Knowledge of extracting and transforming data using tools like SSIS, BCP, DTS and Linked Server.
* Experienced in using tools like Index Tuning Wizard, SQL Profiler, and Windows Performance Monitor for Monitoring and Tuning MS SQL Server Performance.
* Strong analytical and problem-solving skills coupled with excellent written, verbal and inter-personnel communication skills

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Data Warehouse Tools | MS SQL Server 2000/2005/2008 SSIS 2005/2008, SSRS 2005/2008 SSAS 2005/2008, Data Mining Tools |
| Business Intelligence Tools | SQL Server 2005 Business Intelligence Development Studio SharePoint 2007/2010 (Beta) Performance Point Server 2007, Excel 2003/2007/2010 (Beta) |
| Programming Languages | SQL, ASP.NET 2.0/1.1,Web Services, ASP, HTML, XML, AJAX |
| Reporting Tools | SQL Server 2005 Reporting Services, Crystal Reports, Excel, Studio SharePoint 2007/2010 (Beta) Performance Point Server 2007, Excel 2003/2007/2010 |
| Development Environment | Visual Studio .NET 2005/2008, Business Intelligence Development 2005/2008,MS Project 2003/2007, Visio,ER Studio,VSS. |

**PROFESSIONAL EXPERIENCE**

**CDW Corporation, Vernon Hills, IL Oct 10– Sep 11**

**SSIS/SSRS Developer**

The BI team wanted to create “cohort” files that will be used for Direct Marketing team Analysis tool. A cohort is a group of customers and/or prospects that have unique characteristics. Each cohort will receive a different set of marketing activities. The performance of each cohort will be measured by Ogilvy

* As in team of Enterprise Analytics, responsible for the designing and developing ETL packages to support various reporting goals for internal and external clients.
* Created Data Models for the Cohort Files using ER Studio.
* Expertise in handling ETL loads on various RDBMS and POS system like SQL Server, Oracle, DB2 and AS400.
* Created SSIS packages to extract data from Excel and CSV files and Populated Sql Server Tables.
* Created Complex Rekeying Scripts to follow the Business rules and specifications.
* Responsible for the design, development and implementation of mappings/transformations based on source-to-target specifications, defining ETL (extract, transform, load) and ETL development.
* Expertise in troubleshooting ETL packages.
* Manage customer expectation by clearly documenting and maintain project deliverables, plans and status throughout the life of project as per company standards.
* Developed Enterprise Wide Reporting system to monitor Marketing initiatives

**Environment**: MS SQL Server 2008 Enterprise Edition, SSIS 2005, MS SQL Server Analysis Services, Visual studio 2008,T-SQL, BIDS, MS Excel, Visio, ERStudio, Analysis Service, Data Analyzer, Windows NT, ETL Tools.

**Lincoln Financial Group, Market Street, PA Mar 10 – Aug 10**

**Senior SQL Server Developer**

**SSIS/SSRS Developer**

Lincoln Financial Group (LFG) is one of the leading financial companies around United States in retirement plans, mutual plans and annuities. LFG offers services to company and employer with need in retirement plan 401K mutual plan and annuities. My project was to automate the migration of data from DDL to the Data Mart using various ETL tools like SSIS, SSAS and to create reporting dashboard.

* Continuously interacted with end user to gather business requirements.
* Deployed and configured the reports in the Report Server.
* Created Subscription of Reports in different formats like PDF, Excel, etc. to be executed automatically on weekly or monthly basis.
* Efficiently created charts using DunDas tool in SSRS.
* Involved in full reporting cycle from design to security.
* Used SSIS's fuzzy grouping functionality for naming standardization and cleaning.
* Implemented SSIS Packages with various Task & Containers and deployed them
* Designed and implemented ETL processes to make data available for reporting purpose within a data warehouse.
* Experience in designing, creating, processing of cubes using SSAS.
* Expert in calculating measures and dimension members using multi dimensional expression (MDX).
* Used SharePoint to create a portal that stores the various dashboards in SharePoint document libraries.
* Created On demand (Pull) and Event Based delivery (Push) of reports according to the requirement.
* Prepared stored procedure, views, scripts and triggers to be pivoted and executed for the reporting purpose.
* Involved in creating Internal and External reports based on the business request and ad-hoc requirements using SSRS 2005/2008**.**
* Work on analyzing of data to prepare Executive summary report using charts, Graphs and Gadgets.
* Create Unit Test script for all stored procedure, views and triggers to make sure working on the business logic and requests.
* Populate reports into SharePoint portal site from SSRS.
* Create dashboard and scorecard systems using Performance point server.

.

**Environment**: MS SQL Server 2008 Enterprise Edition, MS SQL Server Reporting Services 2008, MS SQL Server Analysis Services, Visual studio 2008,T-SQL, BIDS,SSRS, MS Excel, C#.Net, MS Access 2000, Visio, Erwin, Analysis Service, Data Analyzer, Windows NT, ETL Tools.

**TEKsystems, Client: Cigna - Bloomfield, CT March 09 – Aug 09**

**SSIS\SSRS\SSAS Developer**

**SalesForce.Com**

SalesForce.Com is a project of migration of data from Oracle 10 to SQL Server 2008. This Project was initiated because of Great West Merging with Cigna. The Scope of this project was to create a centralized application Sales Force.Com, after merging.

* Under general direction develop, design, document and evaluate Business Requirements.
* Design Process and deliver design specifications.
* Created SSIS Package that implements Logging, Event Handling, Configuration files.
* Document all the Data Mapping, Data Flow documents for migration.
* Developed SSRS Report according the business needs. Incorporated Drilldown, Linked and Sub report functionality.
* Created materialized views in Oracle to migrate data from Oracle to SQL Server using SSIS.
* Created batch jobs to and implemented windows scheduler to schedule the SSIS packages to run on daily basis.
* Created Fallout reports, Log reports for these SSIS packages, which helps in easy maintenance.
* Link the SSRS Reports to ASP.NET pages.
* Wrote MDX queries and created OLAP report sourcing from SSAS cube.
* Created and updates cubes (measures, dimensions, hierarchies, relationships), defined calculation (calculated members, named sets), KPIs, perspectives using SSAS and MDX.
* Good experience in Designing Aggregations and pre-calculating the same in SSAS 2005.
* Excellent hands on experience in creating groups and measures, KPIs.
* Designed, administrated and developed Star Schema Data marts.
* Created Complex SSIS packages which incorporate C# code to open excel application and write data in a specific cell, using OXPPI (Office XP Primary Interop Assembly).
* Followed Change Management procedure and documented coding policies and naming conventions used in Proc’s & Packages.
* Generated .net application that involves, using third party tool ASPOSE.
* Followed SDLC implementation methodology and version control using VSS.

**Environment:**

MS SQL Server 2005,2008, Visual studio 2008, **SSIS**, **SSRS** 2008, ER-Win, Visio**,** Crystal Reports 11, ADO, ODBC, ASP.Net, C#.Net, Oracle 10g.

**CheckFreePay, Wallingford, CT Nov 08 – Feb 09**

**SQL Server Developer/ SSRS, Crystal Report Writer**

**Gen8**

CheckFreePay provide a means for bill payers to pay certain of their bills in person at any of more than 11,000 locations across United States. CheckFreePay establishes relationship with the biller, then set up agents who pay on CheckFreePay behalf, then forward the money and billing data. Gen8 is the application which enables to do this process.

* Under general direction develop, design, document and evaluate database systems
* Maintain structural design of various databases, including back-end databases for database-driven Web sites, based upon logical data models by employing program and business requirements and analysis
* Imports data to existing databases; develop standards and procedures;
* Involved in Design and development of the different reports and Dashboards for various application.
* Designed and maintained the SRP reporting environment.
* Used SSIS extensively to migrate and transform data from legacy database system.
* Involved in creating complex packages with Execute SQL Task, Data Flow Task, Execute Package Task etc to generate underlying data for the report.
* Created Tablix Reports which has the flexibility of the table region and the crosstab reporting features of the matrix region.
* Embedded different cross tab report with independent Group Aggregate into one module using Navigation and Linked report feature of the report builder.
* Used sub reports functionality for complex report calculations and added .net code for user friendly reports.
* Created shared data source, implemented expression using iff, switch etc to display calculated values in each cell.
* Created stored Proc which spans rows across different tables in different servers using OpenRowset and Openquery.
* Ability to manage projects from planning through execution/completion under the pressure of fast-paced, time-sensitive environments.

**Environment:**

MS SQL Server 2005,2008, SSIS, SSRS 2008, ER-Win, Visio**,** Crystal Reports 11, ADO, ODBC, C#.Net, Autosys, Millennium and IIS.

**Anthem Blue Cross and Blue Shield, Mason, OH Jun 08 – Sep 08**

**SQL Server Developer/ SSAS/Report Writer**

**Anthem Sales Compensation System (ASCS)**

Anthem Blue Cross and Blue Shield is a subsidiary of WellPoint Inc. Now one of the largest healthcare providers, WellPoint, Inc. provides health care benefits to more than 28 million individuals. The Project ASCS was launched to correct the defects, and for the enhancement of CQ items regarding modification to company’s policy, Claims processing, Creating new process for mass load of data to reduce the amount of keying and increase accuracy to provide the faster processing of the manual premiums.

* Involved in Design and development of the different reports in Sales Dashboards for various sales application.
* Designed and maintained the reporting environment.
* Implemented dynamic sorting in report columns during runtime, which is a very useful feature for end users.
* Used sub reports functionality for complex report calculations.
* Created parameterized report either passing parameter through report screen or through URL.
* Implemented SSIS Packages with various Task & Containers and deployed them
* Re-build SSAS in SQL Server 2005 including Dimension model, Star Schema, Fact tables, Dimension tables, Cubes and writing MDX expressions for cube calculations and KPIs.
* Identified and created Data Source Views for OLAP cubes.
* Defined advanced attribute and dimensions properties in SSAS for OLAP cubes.
* Identified and defined Fact relationships in SSAS for OLAP cubes.
* Defined unknown members and null processing properties for OLAP cubes.
* Defined Granularity within a measure group and drill through actions for cubes.
* Wrote MDX queries for the Business Intelligence Solution.
* Created complex stored procs & UDF’s to perform for various .net application developments.
* Migrated data from Access database to MS SQL server and involved in various SQL script development.
* Created reports which change their background color dynamically depending on the input report parameters.
* Deployed and configured the reports in the Report Server.

**Environment**: MS SQL Server 2005 Enterprise Edition, MS SQL Server Reporting Services 2005, T-SQL, BIDS,SSRS, MS Excel, VB.Net, MS Access 2000, Visio, Erwin, Analysis Service, Data Analyzer, Windows NT, ETL Tools.

**TEKsystems, Client: Grand Valley State University, Grand Rapids, MI Jan 08 – May 08**

**SQL Server Developer/ Report Writer**

**Millennium**

Millennium is a vehicle to take you anywhere in the realm of constituent tracking, fund raising, donor cultivation, and reporting. Millennium has long been respected as an industry leader in applying the latest technology to sophisticated fund raising needs. Millennium has all the students, Alumni, Faculty and staff details. All types of Funds and gifts are in Annual Giving category. Millennium operates on an intranet GVSU, and you may also access the software via the Internet.  This allows staff the ability to access the database from remote locations.

* Involved in Design and development of the different reports and Dashboards for various application.
* Developed and optimized database structures, stored procedures, views, triggers, cursors and user-defined functions.Created user friendly reports in crystal & SRRS according to business needs.
* Effective gained knowledge on latest versions of SQL Server and its functions
* Designed various complex Matrix, sub report and charts.
* Effectively involved in maintaining the existing reports, scheduling and security.
* Involved in performance tuning of slow running queries.
* Publish or upload reports, report models, resources, and shared data source files to a SharePoint library, including Report Center in Office SharePoint Server.
* Involved in report security by creating Active Directories and User Groups for different reports in reporting dashboards
* SSIS Package using For Each & For loop container to create underlying data to run the report.
* Used SharePoint to create a portal that stores the various data source views and reports inside SharePoint document libraries.
* Maintained report security by creating Service Accounts and Security Groups and configuring in the Report Server
* Manage reports, data sources, schedules, and report history in custom application pages on a SharePoint site. Set properties, define schedules and subscriptions, and create and manage report history on a SharePoint site.
* Performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard. Involved in Debugging and Resolving the Development and QC issues

**Environment:**

MS SQL Server 2005, SSIS, SSRS, ER-Win, Visio, SharePoint Portal Server 2003,Crystal Reports 10, ADO, ODBC, C#.Net, Autosys, Millennium and IIS.

**Wilmington Finance Inc, Plymouth Meeting, PA Oct 06 – Dec07**

**SQL Server Developer/Senior Reporting Specialist**

**WebEZ**

WebEZ is an application developed by and exclusive to Wilmington Finance. It is a tool used to facilitate the pricing of a loan and the targeting of an investor for the loan. WebEZ is designed to provide high level information on expected premiums for our investors and is intended as a guide only, not a commitment. WebEZ has many increased functionalities available. WebEZ will improve internal and external communication and allow for leads to be managed, tracked, and viewed more effectively.

* Continuously interacted with end user to gather business requirements.
* Involved in Estimation, Risk Management, Metrics, SCM Planning, Quality Assurance
* Generated Sales Reporting Dashboard with different types of Reports like Tabular, Matrix, and Charts.
* Created stored procedures and user-defined functions for different Reports.
* Created reports which change their background color dynamically depending on the input report parameters.
* Embedded .net code to through report builder code property.
* Deployed and configured the reports in the Report Server.
* Created Subscription of Reports in different formats like PDF, excel etc to be executed automatically on weekly or monthly basis.
* Developed, deployed and monitored SSIS Packages including upgrading DTS to SSIS.
* Created .net code to embed reports to .net applications.
* Responsible for Full Report Cycle including Authoring, Managing, Security and generation of Reports. Generated reports by passing parameters through URL
* Created SSIS packages to migrate data to a table which are then used for generating reports using Reporting Services.
* Used SharePoint to create a portal that stores the various dashboards in SharePoint document libraries.
* Created On demand (Pull) and Event Based delivery (Push) of reports according to the requirement.
* Performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard. Involved in Debugging and Resolving the Development and QC issues
* Followed Sox procedures which is a representation of best practice for IT service management throughout project design, development & production

**Environment**:

MS SQL Server 2005 Enterprise Edition, MS SQL Server Reporting Services 2005, SharePoint Portal Server 2003,T-SQL, BIDS,SSIS, SSRS, MS Excel, VB.Net, MS Access 2000, Visio, Erwin, Analysis Service, Data Analyzer, MQ,Windows NT, ETL Tools.

**Schering Plough, NJ Nov 05 – Sep 06**

**SQL Server Developer**

**ADI (Alignment Data Import)**

Afaria is the primary system used to remotely distribute and manage applications, data and configuration of USHH and SPVD field sales computers and peripherals. Afaria relies on field sales alignment data (including geography, region-district-cluster-territory assignments, sales team assignments, etc.) for proper targeting and delivery of data and applications. This data is sourced from an official Schering Plough system of record and then imported into a data store for exclusive use by Afaria system.

* Collected requirements specifications.
* Actively involved in designing the logical and physical architecture. Used designed tools such as Erwin to design database in 3rd Normal Form.
* Created stored procedures and user-defined functions for Application Developers.
* Documented specifications for the reports to help build reports.
* Converted crystal reports to SSRS version for better performance.
* Took care of the entire database connectivity coding and issues.
* Maintained the reporting dashboard environment.
* Implementing Change Control Management for Development and Production Changes.
* Created stored procedures and user defined functions for Application Developers. Created SQL scripts for tuning and scheduling. Extensively used SQL server profiler for fine tuning.
* Involved in the development and delivery of reports from end to end using SDLC.

**Environment**:

MS SQL Server 2005 Enterprise Edition, T-SQL, SSRS, SharePoint Portal Server 2003, MS Excel, VB.Net, MS Access 2000, Visio, Erwin, Analysis Service, Data Analyzer, Windows NT, ETL Tools.

**JP Morgan Chase Bank, Newark, DE Sep 04 – Oct 05**

### SQL Server OLAP Developer

### Project: Global Data Warehouse – Corporate Administrative Systems

GDW (Global Data Warehouse) is a Corporate Administrative System (CAS) HR Data center of worldwide workforce of JPMorgan Chase. Receives data from multiple sources such as PeopleSoft and process it, sends output to BO users and feed to various applications, which is used globally.

* Gathered user requirements from users and managers to better understand the business logic of the company and create database that fits their needs.
* Created cubes and involved in writing MDX queries.
* Attended day to day Helpdesk issues from various LOBs which receives data from GDW
* Migrated data from text files and Excel spreadsheets to SQL Server databases using DTS.
* Set up transactional replication on each remote (warehouse) servers that push subscription to the central Subscriber (main server) in an hourly basis. This eliminated the overnight shipping of copies of customer invoices to the home office from the warehouses.

**Environment:**

MS SQL Server 2000, ADO, ODBC, VB.Net, SSRS, DTS, MS-Visio, Crystal Reports 8.5, IIS.

**Forest Laboratories Inc, NY Sep 03 – Aug 04**

**SQL Server Developer**

**Project: Production Reporting System.**

Production reporting system is the Executive Information System for Forest Laboratories Inc sales management team. This is a project to provide better report generation capability.

* + Worked closely with the corporate decision makers to understand and help the business needs on Performance Reporting.
  + Prepared Database Structure and DB Schema.
* Performed reports development using Cursors, Stored Procedures, Functions and Packages.
* Developed SQL Triggers to enforce integrity constraints and validating each transaction.
* Development of Scripts, control files and loaded data to SQL Server database using import/export.
* Developed DTS packages for data migration.
* Created Periodic Reports using Brio SQR according to the Requirements.

**Environment:**

MS SQL Server 2000 Enterprise manager, Query analyzer, T-SQL, Brio SQR 8.2, windows 2000, Sun Solaris 5.8.

**Hewlett-Packard, Singapore**  **Aug 02 – July 03**

**SQL Server Developer**

**Project: WFM-IM (Workflow Manager- Information Management)**

This project been initiated for top management to view their performance to drive their business. The WFM-IM project provides an information management data warehouse to provide critical service delivery event reporting to better manage HP’s ability to meet its customer service and support commitments. The WFM-IM solution and enhancement releases are the same across all regions.

* Analyzed the software specification of the field expansion and made necessary changes at the database level by SQL Scripts.
* Created complex Stored Procedures for Database Programming and Reporting in SQL Server.
* Enhanced Functions, packages and database Triggers in specific applications according to the requirements.
* Developed Reports using Brio SQR 8.0 and Brio Designer for various customer requirements.

**Environment:**

MS SQL Server 2000 Enterprise manager, Query analyzer, T-SQL, Visual Basic 6.0, VBA, Brio performance

**CONTACT INFORMATION:**

**Email: -** [**devi.spm@gmail.com**](mailto:devi.spm@gmail.com)

**Phone – 201-301-2425**