**Nivedita k Ravipati**

**Professional Summary:**

* **8 years** of IT experience in Microsoft Business Intelligence technologies like SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS) and SQL Server Analysis Services (SSAS).
* Extensive knowledge and Experience in dealing with Relational Database Management Systems including Normalization, Stored Procedures, Constraints, Querying, Joins, Keys, Indexes, Data Import/Export, Triggers and Cursors.
* Worked on all activities related to the development, implementation, administration and support of **ETL** processes for large-scale **Data Warehouses** using **SSIS 2008**/**2012/2013/2014**.
* Experience in dealing with high volume transactional data in SQL
* Strong experience in SQL Development, **ETL** development using Microsoft SQL Server Integration Services (**SSIS**), Business Intelligence delivery using Microsoft SQL Server Analysis Services (**SSAS**) and Reporting solutions using Microsoft SQL Server Reporting Services (**SSRS**).
* Good understanding and experience in SQL 2008 new features like Change Data Capture (**CDC**).
* Very good experience in Creating, deploying **SSIS** Packages and migrating **DTS** Packages from **2000** to **2005/2008/2012/2013/2014**.
* Experience in migration of **SSRS** reports from **SQL 2000** to **SQL 2005** and **SQL 2008 and SQL 2008 R2**.
* Extensive experience in writing **Distributed Queries** between SQL Servers by creating **link servers and federated servers**.
* Experience in troubleshooting SQL issues by using **SQL Tools, execution plans, Trace, statistics, index tuning wizard.**
* Extensive experiencein delivering **OLAP** solutions by developing Corporate Dashboard Reports using SQL Server Reporting Services (**SSRS**), Report Model and Ad Hoc Reporting using Report Builder functionality.
* Experience in **Performance Tuning** and **Query Optimization.**
* Extensive experience in using **SQL Server Profiler** to monitor the SQL server for deadlocks, long running queries and tunes the same to improve performance**.**
* Developed **ETL** process using **SSIS** with **Various Control Flow**, **Data Flow tasks** and **Store Procedures** for **Work Order Validation process**.
* Experience in creating and managing fragmentation of Indexes to achieve better query performance.
* Expert in using tools like **Bulk Copy (BCP)**, **Data Transformation Services (DTS) and SSIS.**
* Created **shareddimensiontables**, **measures**, **hierarchies**, **levels**, **cubes** and **aggregations** on **MSOLAP**/ Analysis Server (**SSAS**)**.**
* Experience in creating reports through **PROCLARITY.** Used **PROCLARITY** for accessing and **analyzingcubes** and **dimensions**
* Experience in developing **Custom Report** and different types of Tabular Reports, Matrix Reports, Ad hoc reports and distributed reports in multiple formats using **SQLServerReporting Services** (**SSRS**) in Business intelligence development studio (**BIDS**).
* Excellent verbal and written communication skills combined with **interpersonal** and conflict resolution skills and possess strong analytical skills.
* Self-motivated and possess ability for critical thinking, analysis, good interpersonal and communication skills. Team-oriented, technically motivated and creative. User oriented with a desire to learn client's business requirements.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Transact SQL, C, Visual Basic 6.0, VB.Net, C#, .NET, ASP.NET, HTML. |
| **Databases** | SQL Server 2012/2008R2/2008/2005/2000,MS Access, Oracle |
| **Analysis/Reporting Tools** | SQL Server Reporting Service (SSRS), SQL Server Analysis Service (SSAS), XML Publisher, Power BI |
| **ETL Tools** | DTS, SSIS, Data Stage |
| **Data Modeling Tools** | Erwin, Visio |
| **Other Software** | MS Office- 2007/2003/2000 |
| **Operating Systems** | Windows /98/2000/2003/XP/Vista |
| **Database Tools** | SQL Query Analyzer, SQL Enterprise Manager, Management Studio, Analysis Manager, Reporting Server |

**PROFESSIONAL EXPERIENCE:**

**Duro Bag Mfg. Co, Florence, KY Dec 2015 - Present**

**Role: ETL DW-BI (SSRS /SSIS/SSAS) Developer**

**Responsibilities:**

* Collaborated with **Technical Architect**to designthe**DataWarehouse** to house data from various data sources and ERPs.
* Created SSIS packages for data extraction from various sources such as Flat Files, oracle providerand IBM provider to SQL Server.
* Designedvarious **staging databases** in order to extract and load the data from various sources optimally.
* Involved in creation/review of **functional requirement** specifications and supporting documents for business systems.
* Performed database design and data modeling.
* Worked on creating packages such as hubs and satellites for the Data Warehouse.
* The packages created included a variety of transformations, Look up, Aggregate, Derived Column, Conditional Split, Fuzzy Lookup, Multicast and Data Conversion.
* Used ETL to implement the **Type 2 Update**, to maintain Historical Data in Data warehouse.
* Implemented **Event Handlers** and **Error Handling** in SSIS packages.
* Developed Charts and other visualization using **Power View**. Filter and Sorting Data using Power View in Excel 2013.
* Created Databases, Tables, **Cluster/Non-Cluster Index**, Unique/Check Constraints, Views, **Stored Procedures**, Triggers.
* Successfully **deployed SSIS (ETL) packages** and scheduled jobs.
* Modified SQL queries according to the business requirements to load the attributes in Data Warehouse.
* Responsible for rebuilding the indexes and tables as part of performance tuning.
* Used **SQL Server Agent** for **scheduling jobs** and alerts.
* Remotely interfaced with various team members and functional teams during various stages.

**Environment:** ETL,SQL Server 2014, SSRS 2012, SSIS 2012, DB2, Oracle 11g, TFS, Visual Studio 2013, XML, XSLT, MS Office, Visual source safe.

**Diamond Hill Investment Group, COLUMBUS, OH Sep 2015 – Nov 2015**

**Role: ETL DW-BI (SSRS /SSIS/SSAS) Developer**

**Responsibilities:**

* Worked on creating packages such asHubs and satellites for the **Vault.**
* Implemented **Star** schema to design the cube.
* Analyzing facts and dimensions for data analysis and design within SSAS. Created and deployed cubes, perspectives, partitioning, hierarchies, aggregations, user and roles in SSAS. Created report actions that are linked to a SSAS cube within pivot tables.
* Developed C# scripting for packages.
* Extensively worked on Data Flow tasks like **Foreach Loop Container** to load flat files dynamically.
* Used ETL to implement the **slowly changing Transformation**, to maintain Historical Data in Data warehouse.
* Worked with SSIS packages involving **Merge join**, **Pivot** and **Unpivot** Control Flow Transformations.
* Generated reports based on the statistical analysis of the data using SQL Server Reporting Services (SSRS).
* Implemented **Event Handlers** and **Error Handling** in SSIS packages and notified process results to various user communities.
* Configured **SQL mail agent** for sending the error records to a different team.
* Created Databases, Tables, **Cluster/Non-Cluster Index**, Unique/Check Constraints, Views, **Stored Procedures**, Triggers.
* Created **User Defined Functions** to encapsulate frequently and commonly used business logic making the system more modular, secured and extensible.
* Successfully **deployed SSIS (ETL) packages** and scheduled jobs.
* Optimizing Stored Procedures and long running SQL queries using **indexing strategies** and **query optimization techniques**.
* Used **SQL Server Agent** for **scheduling jobs** via A Master Controller.

**Environment:** ETL,SQL Server 2012/2008R2/2008/2005, SSRS 2013, SSIS 2013, DB2, Oracle 11g,

TFS, Visual Studio 2014, XML, XSLT, MS Office, Visual source safe.

**VRI Healthcare, FRANKLIN, OH Jan 2015– Aug 2015**

**Role: ETL DW-BI (SSRS /SSIS/SSAS) Developer**

**Responsibilities:**

* Worked with **TechnicalArchitect**to designthe **vault** to house data from various data sources for all reporting needs.
* Worked on creating packages such as Maps, Contents and Links for the **Vault.**
* Implemented **Star** schema to design the cube.
* Design and Develop new **SSAS Tabular Models**.
* Developed detail and summary Financials reports, line and pie chart, trend analysis reports and sub reports according to business requirement using **Power View /Pivot Table** and **SSRS**.
* Developed C# scripting for packages.
* Extensively worked on Data Flow tasks likeExecute process task, Transfer SQL Server Objects taskand Transfer Jobs task.
* Created packages to load the **Snapshot** Facts.
* Used ETL to maintain Historical Data in Data warehouse by versioning the records.
* Developed dashboards for demographic information such as population and allow users to drill into geographical objects such state and county information.
* Worked in **creatinghierarchies** for **dimensionaltables**such as**datedimensions** and **regiondimensiontables**. Browsing the **cube** for analysis and **validation** of the **data**.Processing the **cubes** and dimensions on a daily basis using the **SSIS** tasks.
* Implemented **Event Handlers** and **Error Handling** in SSIS packages for auditability of the tables.
* Configured **SQL mail agent** for sending the error records to a different team.
* Created Databases, Tables, **Cluster/Non-Cluster Index**, Unique/Check Constraints, Views, **Stored Procedures**, Triggers.
* Created **User Defined Functions** to encapsulate frequently and commonly used business logic making the system more modular, secured and extensible.
* Successfully **deployed SSIS (ETL) packages** and scheduled jobs.
* Used **SQL Server Agent** for **scheduling jobs** and alerts.

**Environment:** ETL,SQL Server 2012/2008R2/2008/2005, SSRS 2012, SSIS 2012, DB2, Oracle 11g,

TFS, Visual Studio 2012, XML, XSLT, MS Office, Visual source safe.

**STANFORD, Palo Alto, CA Sep 2013 – Dec 2014**

**Role: ETL DW-BI (SSRS /SSIS/SSAS) Developer**

**Responsibilities:**

* Key role in team of 4 in brining **2005 SQL database environment to SQL 2008R2 by migrating**, converting and re-writing DTS packages and updating them to SSIS packages.
* Extensively worked on Data Flow tasks such as**Foreach Loop Container**, Execute process task, Transfer SQL Server Objects task, Transfer Jobs task and Transfer Logins task.
* Used ETL to implement the **slowly changing Transformation**, to maintain Historical Data in Data warehouse.
* Worked with SSIS packages involved **FTP** tasks, **Fuzzy Grouping**, **Merge**, **and Merge joining**, **Pivot** and **Unpivot** Control Flow Transformations.
* Used **SQL Server Package Configuration** technique to make **Dynamic configurations**.
* Used **Text Files/ SQL Server Logging** for all SSIS packages.
* Increased the performance necessary for statistical reporting after performance monitoring, tuning and optimizing indexes.
* Used **Power Bi** to analyze the data and created a template for the financial department.
* Responsible for Analyzing requirements, designing, maintaining and updating data models using **ERWIN**.
* Worked with different methods of logging in SSIS for various ETL packages.
* Generated periodic reports based on the statistical analysis of the data using SQL Server Reporting Services (SSRS).
* **Deployed** and **configured** the reports in the Report Server.
* Extracted Data from various **Heterogeneous Databases** such as **Oracle** and **Access database**, **DB2**, **flat files** to **SQL server 2008R2** using **SSIS.**
* Helped in creating new component in SSIS called Partition Tasks in C#. Net that creates partitions for the cubes and drops partitions based on some criteria.
* Implemented hybrid of **Snowflake** Schema to design the cube.
* Used SSIS to create ETL packages to validate, extract, transform and load data into data warehouse and data marts.
* Generated **ad-hoc** reports using MS Reporting services.
* Worked with various SSIS packages, which involve **Transactions**, **Restartability** and **roll back techniques**.
* Configured **SQL mail agent** for **sending automatic emails** when SSIS packages fails or succeeds.
* Created Databases, Tables,**Cluster/Non-Cluster Index**, Unique/Check Constraints, Views, **Stored Procedures**, Triggers.
* Created **User Defined Functions** to encapsulate frequently and commonly used business logic making the system more modular, secured and extensible.
* Successfully **deployed SSIS (ETL) packages** with defined security
* Optimizing Stored Procedures and long running SQL queries using **indexing strategies** and **query optimization techniques**.
* Schedule the packages to keep extracting the data from OLTP at specific time intervals.
* Responsible for rebuilding the indexes and tables as part of performance tuning.
* Monitored performance and optimize SQL queries for maximum efficiency.
* Used **SQL Server Agent** for **scheduling jobs** and alerts.
* Configuration and Deployment of all reports across various SDLC environments.
* Deployed the packages to production using **XML package** configuration.

**Environment:** ETL,SQL Server 2012/2008R2/2008/2005, SSRS 2008, SSIS 2008, DB2, Oracle 9i/10g,

Teradata, Visual Studio 2005,TFS, XML, XSLT, ERWIN, MS Office and Visual source safe, Crystal Reports.

**Kaiser Permanente, Denver, CO August 2011– July 2013Role: Sr. ETL BI Developer (SSIS/SSRS/SSAS)**

**Responsibilities:**

* Worked with **TechnicalArchitects** and **Databaseanalysts** for the Design of Summary tables required for efficient Report Design.
* Created complex **SQL stored procedures** using **Microsoft SQL Server 2008 and 2008 R2**
* Designed the **functional** and **technicaldocuments**, **reporttemplates** and **reportingstandards** for the developers to work on the **reportdevelopment**.
* Experience in developing **reports using SSRS 2008 and SSRS 2008 R2**
* Created **SSIS-ETL** packages to load data into Data Warehouse using Various **SSIS Tasks** like Execute SQL Task, bulk insert task, data flow task, file system task, Execute package task
* Created **cubes** and **dimensions** and measures and **calculated** measures according to the **businessrequirements**.
* Created **SSIS** packages to **Oracle** and other **SQL** Server instances in **SSIS2008**.
* Performed the task of data transfer from files in remote server to folders in another server using **FTP**.
* Created database maintenance plans and deleting of history data using SSIS packages.
* Deployed **SSISpackages** and **Reports** to **Production Servers.**
* Created several SSIS packages for performing **ETL** operations to transform data from a **cube** using **MDX**.
* Generated reports from the cubes by connecting to Analysis server from **SSRS**.
* Developed the SQL Server Integration Services (**SSIS**) packages to transform data from **SQL 2000** to **MS SQL 2005** as well as Created interface **storedprocedures** used in **SSIS** to **load/transformdata** to the database.
* Worked on **T-SQLprogramming**, **storedprocedures**, **user**-**definedfunctions**, **cursors**, **viewssetup** and management of linked servers to **Non-SQL-Server** databases.
* Created **SSIS** Packages from various data sources.
* Created ETL packages in **SSIS** with event handling, try/catch.
* For the data warehouse Analysis services and develops the different reports for the analysis.
* Developed various reports using **SSRS**, which included writing complex stored procedures for datasets.
* Involved in **ReportAuthoring**, **ReportDelivery** (using both Pull and Push strategy) and Report Management for various types of reports.
* Experience in creating snapshots of **static reports** and configure subscription.
* Experience in creating complex **SSIS-ETL** packages using proper control and data flow elements
* Built cubes for production application, Partitioned Cubes to decrease the processing time and increase the performance of the queries running on front end application using **SSAS2008**.
* Extensively involved in the **SSASstorage** and **partitions**, and **Aggregations**, **calculation** of **queries** with **MDX**, **Data MiningModels**, developing **reports** using **MDX** and **SQL**.
* Responsible for logical and physical **data modeling**, **database design**, **star schema**, **data analysis**, **programming**, **documentation** and **implementation**.
* Experience in **Developing** and **ExtendingOLAP Cubes**, Dimensions and data source view.
* Extracting the data from the different sources (**CSV** files, **oracle**, and **MS SQL 2000**) and stored the data into the intermediate Staging Database using the **SSISETL** tool.
* Transform the data from the staging database and perform the transformation using the **Data FlowTasks**.
* Developed complex stored procedure using **T-SQL** to generate Ad hoc reports using **SSRS**.
* Scheduled the Reports to run on daily and weekly basis in Report Manager and also email them to director and analysts to review in **Excel Sheet**.
* Build **database queries** and **test cases** for the testing team to test the **reports**.
* Prepared the reports for the day-to-day as well as weekly/monthly purposes in various formats like **MSExcel**, **PDF**, **HTML**, and **XML** etc.
* **Lead the team** of developers to write efficient code.

**Environment**: SQLServer 2008/2008 R2, Business Intelligence Studio (SSAS, SSIS, SSRS), SharePoint 2007, T SQL, Erwin, MDX, ProClarity, MS Excel.

**Axis Bank, Hyderabad, India September 2008- July 2011**

**SQL Server Developer**

**Responsibilities:**

* **Generated database monitoring** and data validation reports in SQL Server Reporting Service (SSRS).
* **Created partition table** for very large database for good performance.
* Designed dynamic SSIS Packages to transfer data crossing different platforms, validate data during transferring, and archived data files for different DBMS.
* Utilized SSIS to produce a Data Mapping and Data Mart for reporting worked with Multi-threading Concepts with Synchronous and Asynchronous transactions.
* Created logging, custom logging and error handling packages.
* **Deployed SSIS** packages and Reports to Production Servers.
* Maintained system monitoring jobs and provides high availability support.
* Worked on Migration of packages from DTS using SQL Server Integration Service (SSIS).
* Assisted internal and external report needs and designed solutions based on specific requirements using SQL Server Reporting Service (SSRS).
* Created and developed the **stored procedures, triggers, views,** and user-defined functions to support application development.
* Involved in **Normalization** and **De-Normalization** of existing tables for faster query retrieval.
* **Deployed** and **configured** the reports in the Report Server.
* Created **User Defined Functions** to encapsulate frequently and commonly used business logic making the system more modular, secured and extensible.
* Generated test data and tested database to meet the functionalities deliverables in the project documentation and specifications.
* Designed and developed MS SQL Server Reporting Services (SSRS) under SQL Server 2008.
* Worked closely with IT project managers, programmers, and testers.

**Environment:** SQL Server 2000/2008 Enterprise Edition, SSIS /SSRS 2008, C#, T-SQL, VisualStudio.net, XML, MS Excel, MS Access, Visual Studio 2008.