**Bhattarai, Charu**



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**Objective**:

I am pursuing a career in Information Technology that utilizes my experience while opportunity to

expand my knowledge gains and growth within an organization.

**Academic Qualification**

* BACHELORS IN COMPUTER ENGINEERING

**Technical Certification:**

* Querying Microsoft SQL Server 2012
* Administering Microsoft SQL Server 2012 Databases

## Currently Pursuing: Implementing a Data Warehouse with Microsoft SQL Server 2012

**Technical Skill:**

|  |  |
| --- | --- |
| Operating Systems | Windows Server 2000, Windows NT Server, Windows Server 2003, Windows XP, Windows 2008, Unix, Linux, |
| Databases | SQL Server 2008 R2, SQL Server 2008, SQL Server 2005, SQL Server 2000, MS  Access, ORACLE 10g/11g, MySQL |
| Database Tools | Business Intelligence Development Studio,  SQL Server Integration Service (SSIS), SQL Server Reporting Service (SSRS), SQL Server Analysis Service , SQL Server Management Studio |
| ETL Tools | SQL Server Integration Service (SSIS), Informatica , ab-natio |
| Languages | SQL, T-SQL, PL/SQL,C#, .NET, Java, HTML, JavaScript, Jquery, PHP, XML |
| Reporting Tools | SQL Server Reporting Service (SSRS), Cristal Report |
| Office Tools | MS WORD, MS EXCEL, MS VISIO, MS Project and MS Power Point (2003,2007,2010) |

## Summary Of expertise:

* Over **7** years of Professional experience in Information Technology and over 6 years  in database design, development of **MS SQL SERVER 2000/2005/2008/2008/2012 R2** with Business Intelligence tools **SQL MS Server Reporting Services** (**SSRS), MS SQL Server Integration Services** (**SSIS**)
* Expert in creating **Parameterized Reports, Drill through and Drill Down reports, Tabular reports, Linked Reports, Sub-Reports** using **MS SQL Server Reporting Services.**
* Ability to prioritize and complete multiple tasks and detail oriented, quick learner, self driven, strong team player, hard worker. Willing to take responsibilities
* Strong working knowledge in **Reporting Services Architecture**, **Report Designer**, **Report Builder**, **Report Manager**, **Scheduling report and Publishing a Report**.
* Strong working knowledge of Microsoft SQL Server with skills in **query writing and performance tuning**.
* Strong working knowledge of **Data Visualization** in SSRS.
* Execute **data mining** techniques for advanced analysis of data and report generation.
* Experience in **Installing, Upgrading, managing, configuring, migrating and troubleshooting MS SQL Server**
* Worked extensively on **TSQL Code, including complicated joins and cursor loops, creating indexes for fast retrieval of data, creating views, indexes, triggers, cursors, stored procedures and functions**.
* SQL performance tuning by modifying SQL or adding/changing indexes.
* Created sophisticated calculated members using MDX queries; designed and created aggregations to speed up queries and improve performance in SSAS.
* Actively involved in **Normalization (3NF) & De-normalization** of database.
* Support an internal team of **Developers, Designers and test engineers.**
* Conducted research to collect and assemble data for databases .
* Analyzing legacy System data to migrate data from old system to new system.
* Creating Exception Report after comparing Data source and destination.
* Experienced with all phase of **Software Development Life Cycle (SDLC)** involving Systems Analysis, Design, Development and Implementation.
* Experience with **large-scale relational databases**
* Good Knowledge **of normalization/de-normalization** of database tables , developing **(DDL) and  (DML) and** building **referential integrity** for the **(RDMS)**
* Performs **database development** and **maintenance tasks**.
* Experience with **.NET framework** using **ASP.NET, C#, XML** and **ADO.NET** database connectivity.
* Designs and develops databases structures, scripts, transformation (ETL) scripts and common components
* Good understanding of **ACID properties, Locks, Recovery model**
* Good knowledge of  making **SSAS Cubes** and can writes **MDX** query as well
* Understanding of **data warehousing** concepts such as **Cubes, Fact Table,**

**Dimensions Table, OLTP, OLAP**

* Experience in writing **SQL Queries, TSQL, Stored Procedures, Views, Functions, Indexes,** and **database Triggers.**
* Experience in designing and developing SSIS packages for loading data from **Oracle, text files, Excel, Flat files** to SQL Server database.
* Good understanding of developing **Star Schema, Snow flake Schema** and **Dimensional Data modeling** using MS SQL Server Analysis Services **(SSAS)** on a Data Warehouse.
* Expert in creating packages for migration of the data from one source to different destination using SSIS and **Handling error** with **Event handler using SSIS**
* Experience in the design, development and implementation of **RDBMS using MS SQL** and using **oracle 8i/9i** as well.

**SR. SQL BI Developer August 2013 – February 2015**

**Accretive Health, Chicago, IL**

AccretiveHealthis one of the companies associated with health care providers to strengthen the financial stability of healthcare providers through excellence, best people and leading technology, thereby increasing healthcare access for all. Accretive Health is the single most important company to strengthen the financial position of healthcare provider’s lies in a dramatically improved, end-to-end, technology-underpinned execution of the Revenue Cycle with innovative technologies and dedicated people.

**Responsibilities**

* Generated Drill down, Drill through, Matrix Reports, and Parameterized reports using expressions to calculate, group, filter, and parameterize report using **SSRS.**
* Review reporting outputs for transparency, consistency, and accuracy.
* Developed functions, triggers, stored procedures, views, tables, and **SQL scripts** to meet the requirements of the business users and application development.
* Deploying and scheduling Reports using **SSRS** to generate all daily, weekly, monthly and quarterly Reports including current status.
* Developed Strored Procedures for the DataSet to build the reports for the client requirements.
* Created **SQL Joins,** sub-queries and other **SQL** code to implement business rules.
* Performance tuning, and optimization of procedures and queries.
* Used **DBCC** commands for Database maintenance (Rebuilding Indexes).
* Installation and configuration of **SQL Server 2008 R2**
* Designed and developed SSIS Packages (.dtsx files) to import and export data from **MS Excel, SQL Server** 2008 and Flat files.
* **SSIS** packages to update tables with monthly data and automated it through scheduled jobs for the beginning of every month.
* Developed modules of the application in **ASP.NET**, Silverlight and involved in writing **C#** classes.
* Created reports using stored procedure. Involved in scheduling, creating snapshots and subscriptions for the reports using **SSRS 2008/2012 R2**.
* Designed packages which utilized tasks and transformations such as Execute SQL Task, Data Flow Task, Sequence Container, For Each Loop Container, Lookup, Aggregate and Derived Column.
* Developed packages in **SSIS** with error handling.
* Calculated **measures** and **dimension** members using **multi-dimensional expression (MDX**).
* Worked on Migrating **Teradata** into SQL Server Data by using MS SQL Server Integration Services (SSIS).
* Installed and Managed **SQL Server Reporting Services (SSRS) 2008/2012 R2**
* Used to obtain data and reports in general excel format including complex statistical calculations. Imported excel **tabular** data into **SQL Server** using Import Export wizard or **SSIS** depending up on the requirement
* Experience in using **C#.Net** in script Task while creating **SSIS** Packages.
* Created Package Configurations to deploy packages from development to production server.
* Successfully managed Extraction, Transformation and Loading (**ETL**) process by pulling large volume of data from various data sources using **BCP** in staging database from MS Access, excel.
* Wrote SQL scripts in **Teradata** to populate tables with data that comes from weekly files.
* Involved in creating report models and applying row level security filters for report model.
* Experienced in participating meetings with business users to gather the requirements.
* Involved in the analysis of existing database structures and creating the new tables and views as per the requirements.
* Designed Win forms in **C# .NET to** display results on screen.
* Worked with development teams in the design of physical databases and in modification.

**Environment:** SQL Server Management Studio 2012, SQL Server Data Tools 2012, T-SQL, XML, MS SQL Reporting Services 2012, Oracle 8i/9i TOAD, SSIS, SSRS, SSMS, C#, .NET, Team Foundation Server 2010, SQL Profiler, MS Office, DB2, Windows Server 2012.

**SQL Server Developer/BI Developer February 2011 – June 2013**

**AT&T, Middletown, NJ**

At&t Wireless is one of the largest tele-communications company in the world. The aim of the project was to design and develop a database for all of AT&T’s Eastern Division & Western Division reporting needs and creating reports on top of the database. And to find the utilization percentages of how much the representatives use the guides to solve problems.

* Designed and developed parameterized reports, linked reports, matrix and tabular reports with drill down, drill through and drop down menu option using **SSRS**
* Embedded the reports on to application using MS Report Viewer in Visual Studio 2008
* Design, deployment, and maintenance of various **SSRS Reports in SQL Server 2008R2**.
* Used SSRS Reports to write complex formulas and to query the database to generate different types of ad-hoc reports for Business Intelligence
* Created new database logically and physically designed to fit new business requirements
* Queried against Heterogeneous Data Sources like **SQL Server, Oracle**, to retrieve records for data loads using **SSIS 2005/2008**
* Involved in the extraction of data from different sources like **OLTP** server, flat files, excel and legacy databases
* Experience in executing SSIS Package from ASP.NET and C#.
* Developed Tabular, Cross Tab reports, Charts reports, Parameterized, cascaded and sub-reports using SSRS 2012.
* Experience in ETL Data Warehouse environment. Created Jobs in **SSIS** and was responsible for ETL job scheduled to run daily, weekly and monthly. Solved the issues associated with ETL Data Warehouse Failure
* Created **SSIS** package to transfer data between **OLTP and OLAP** databases using **Incremental Load.**
* Modified existing reports to Tabular SQL reports when the report performance was found to be below par.
* Expertise in using different Transformations like Lookups, **Derived Column, Merge Join, Fuzzy Lookup**, For Loop, For Each Loop, Conditional Split, Union all, Script component.
* Developed SQL Queries to fetch complex data from different tables in remote databases using joins, database links and formatted the results into reports and kept logs
* Configured SQL mail agent for sending automatic emails **SQL Clustering** a plus and networking concepts when a **SSIS** process failed succeeded or completed
* Implemented Event Handlers and Error Handling in SSIS packages and notified process results to various user environments
* Designed different type of reports including: **Tabular forms, Matrix** (cross Tab report)forms.
* Experienced in creating SSAS OLAP Cubes and **Partitioning Cubes.**
* Planned job scheduling using **SQL Server** Agent to perform hourly/daily/nightly updates.
* Involved in development of automated daily, weekly and monthly system maintenance tasks such as Database backup, Replication Verification, and Database integrity verification and Indexing updates
* Data being highly confidential even within the organization, required high levels of security being applied throughout the processing in the SQL Server.
* Experience in Developing Script component in SSIS by using C#.
* Assisted reporting team by using SQL Servers to run ad-hoc queries and prepare reports for the management
* Write **T-SQL** statements for retrieval of data and involved in performance tuning of TSQL queries.
* Generated test data and tested new databases consistency with existing databases to meet the functionalities requirements

**Environment:** SQL Server Management Studio 2012, SQL Server Data Tools 2012, T-SQL, XML, MS SQL Reporting Services 2012, Oracle 8i/9i TOAD, SSIS, SSRS, C#, .NET, Team Foundation Server 2010, SQL Profiler, MS Office, DB2, Windows Server 2012

**Database Developer December 2009-February 2011**

**Verisk Health, Richmond, Virginia**

Verisk Health is a leading provider of data services, analytics, and advanced technologies that answer the industry’s most complex challenges. With a focus on reducing risk across all domains of healthcare, Verisk Health’s broad solution suite is designed to help health plans, employers, providers, and other risk-bearing entities improve the quality of healthcare delivery, reduce costs, ensure appropriate revenue, pay claims accurately, and support compliance.

* Responsible for **optimizing queries** for reports which take longer time in execution with SQL Server 2008/2005.
* Created Complex ETL Packages using SSIS to extract data from **OLTP database** to staging tables to partitioned tables with **incremental load**.
* Created **SSIS Reusable Packages** to extract data from Multi **formatted Flat files, Excel, XML files** into **SQL Server Database.**
* Developed, deployed, and monitored SSIS Packages.
* Created SSIS Packages using SSIS Designer for export heterogeneous data from OLE DB Source (Oracle), Excel Spreadsheet to SQL Server 2005/2008.
* Performed operations like Datareconciliation, validation and error handling after Extracting data into SQL Server.
* Worked on SSIS Package, DTS Import/Export for transferring data from Database (Oracle and Text format data) to SQL Server.
* Created complex **SSAS cubes** with multiple fact measures groups, and multiple dimension hierarchies based on the **OLAP reporting** needs.
* Design and normalize the databases and created different objects like **tables**, **views**, **Stored Procedures**, **UDF’s**, **indexes rules** and **defaults** on MS SQL server.
* Involved with **Transact SQL (T-SQL) Coding**, **writing queries**, **functions & triggers**.
* Worked with production Support Team to **Hot Fix the critical Issues**.
* Created complex SQL queries using table joins (inner and outer), temporary tables and table variables.
* Developed **Reports, Sub Reports, Parameterized reports, drilldown reports and various features using SQL Server Reporting Services (SSRS).**
* Developed **SSAS cubes** with multiple fact measures and multiple dimension hierarchies based on the **OLAP** reporting needs
* Experience in deploying and scheduling the reports based on **quarter, month, and year** reports.
* Enhanced reports by the charts and graphs using Microsoft SQL Server Reporting Services (SSRS).
* Developed, monitored and deployed **SSIS packages**.
* Worked on Excels to upload the data from excels to database.
* Designed the reports layout for creating **tabular and matrix reports.**
* Responsible for implementation of **data viewers, error configurations** for **error handling** of the packages.
* Optimized long running Stored Procedures and Queries for effective data retrieval.
* Optimized queries by looking at Execution Plan for better tuning of the database.
* Experience in developing **ETL packages with the different sources as Flat Files, Excel, Text files, and XML files** and migrating the data into destination using SQL Server Integration Services (SSIS).
* **Handlers** in **SSIS** packages
* Implemented Event **Checkpoints** to rerun the failed package from the point of failure.
* Responsible for creating **user groups** and assigning **permissions**.
* Created **DTS packages** to transfer objects from development server to production.
* Provided **analysis** and **recommendations** for setting up a comprehensive **Backup and Recovery Strategy** for **SQL Servers**.

**Environment:** SQL Server 2005/2008, Windows 2003/XP, Enterprise Manager, SSIS, SSRS, SSMS, SQL Profiler, T-SQL

**SQL Server Developer July 2008– September 2009**

**Standard Chartered Bank, Kathmandu, Nepal**

Standard Chartered PLC is a British multinational banking and financial services company headquartered in London. It operates a network of more than 1,700 branches and outlets across more than 70 countries.

**Responsibilities**

* Design and normalize the databases and created different objects like **tables**, **views**, **Stored Procedures**, **UDF’s**, **indexes rules** and **defaults** on MS SQL server.
* Involved with **Transact SQL (T-SQL) Coding**, **writing queries**, **functions & triggers**.
* Created complex SQL queries using table joins (inner and outer), temporary tables and table variables.
* Developed **Reports, Sub Reports, Parameterized reports, drilldown reports and various features using SQL Server Reporting Services (SSRS).**
* Generated reports using SQL Server Reporting Services **2005/2008** from **OLTP** and **OLAP** data sources.
* Experience in deploying and scheduling the reports based on quarter, month, and year reports.
* Enhanced reports by the charts and graphs using Microsoft SQL Server Reporting Services (SSRS).
* Developed, monitored and deployed **SSIS packages**.
* Worked on Excels to upload the data from excels to database.
* Understanding the OLAP processing for changing and maintaining the **Warehousing, Optimizing Dimensions, Hierarchies** and **adding the Aggregations** to the Cube.
* Responsible for implementation of **data viewers, error configurations** for **error handling** of the packages.
* Optimized long running Stored Procedures and Queries for effective data retrieval.
* Optimized queries by looking at Execution Plan for better tuning of the database.
* Experience in developing **ETL packages with the different sources as Flat Files, Excel, Text files, and XML files** and migrating the data into destination using SQL Server Integration Services (SSIS).
* **Handlers** in **SSIS** packages
* Implemented  **Event Checkpoints** to rerun the failed package from the point of failure.
* Responsible for creating **user groups** and assigning **permissions**.
* Created SSIS packages to **clean** and **load** data to data warehouse and package to transfer data between **OLTP** and **OLAP** databases.
* Created **DTS packages** to transfer objects from development server to production.
* Provided **analysis** and **recommendations** for setting up a comprehensive **Backup and Recovery Strategy** for **SQL Servers**.
* Setup and maintained Linked Servers.

**Environment:** MS SQL Server 2008/2005, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Business Intelligence Development Studio (BIDS), MS Excel, Windows XP.

**System Administrator July 2007 – March 2008**

**Rosebud School, Kathmandu**

* Diagnose hardware and software problems, and replace defective components.
* Perform data backups and disaster recovery operations.
* Maintain and administer computer networks and related computing environments, including computer hardware, systems software, applications software, and all configurations.
* Plan, coordinate, and implement network security measures in order to protect data, software, and hardware.
* Operate master consoles in order to monitor the performance of computer systems and networks, and to coordinate computer network access and use.
* Perform routine network startup and shutdown procedures, and maintain control records.
* Design, configure, and test computer hardware, networking software and operating system software.
* Recommend changes to improve systems and network configurations, and determine hardware or software requirements related to such changes.
* Confer with network users about how to solve existing system problems.
* Monitor network performance in order to determine whether adjustments need to be made, and to determine where changes will need to be made in the future.
* Train people in computer system use.
* Load computer tapes and disks, and install software and printer paper or forms.
* Gather data pertaining to customer needs, and use the information to identify, predict, interpret, and evaluate system and network requirements.
* Analyze equipment performance records in order to determine the need for repair or replacement.
* Maintain logs related to network functions, as well as maintenance and repair records.
* Research new technology, and implement it or recommend its implementation
* Maintain an inventory of parts for emergency repairs.
* Coordinate with vendors and with company personnel in order to facilitate purchases