**Mounika Chandu**

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**Professional Summary**

* IT Professional with around 7 Years of experience in Database Design, Programming, Development, Data Warehouse, Testing and Implementation of Client-Server Applications and Database systems using **MS SQL 2012/2008R2/2008/2005,MYSQL (4.x,5.x )** and **Crystal Reports.**
* Expert Knowledge of Integration Services (SSIS), Analysis Services (SSAS) and Reporting Services (SSRS)
* Worked Extensively on ETL process using SSIS package.
* Experience in Database Development, modeling, Data Warehousing, Design and Technical Management.
* Migration of SSRS reports from SQL 2005 to SQL 2008.
* Migration experience with DTS to SSIS 2008.
* Hands on Experience in Installing, Configuring, Managing, monitoring and troubleshooting SQL Server 2005/2008.
* Extensive experience with data modeling techniques, logical and physical database design.
* Skilled at assessing client needs, working in groups, suggesting ideas that enhance efficiency and performance, implementing technology solutions, and training end users.
* Expert Knowledge of Integration Services (**SSIS**), Analysis Services (**SSAS**), Reporting Services (**SSRS**).
* ETL implementation using SQL Server Integration Services (**SSIS**)
* Experience in **Extracting, Transforming and Loading (ETL)** data from Excel, Flat file, Oracle to MS SQL Server by using **BCP utility, DTS and SSIS services.**
* Expertise in creating ETL packages using **SSIS** to extract data from heterogeneous database and then transform and load into the **data mart.**
* Excellent in creating SSIS Packages for integrating data using OLE DB connection from heterogeneous sources (Excel, CSV, Oracle, flat file, Text Format Data) by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, merge and union all.
* Experience in **enhancing and deploying the SSIS Packages** from **development server to production server.**
* Created stored procedure for generating reports using **SQL Server Reporting Services (SSRS).**
* Experience in report writing using SQL Server Reporting Services (SSRS) and creating various types of reports like **drill down**, **Parameterized**, **Cascading**, **Conditional**, **Table**, **Matrix**, **Chart**, and **Sub Reports**, , and formatting them using both **SSRS 2005/2008**.
* Very good knowledge in scheduling and deploying reports on report manger.
* Experience in creating reports using **Report Builder 3.0**.
* Developing reports on **SSAS & SSRS** on SQL Server (2005/2008). Sound Experience and understanding of **SSAS, OLAP cube and Architecture**
* Experience in deploying created reports in various sources like **Web browser, XML and PDF**
* SQL Server 2005 OLAP database development including KPIs, Data mining, working with changing dimensions**.**
* Experience in **Designing and Building the Dimensions** and **cubes with star schema** using **SQL Server Analysis Services (SSAS)**
* Experience in **Creating Tables, Joins, Views, Indexes, Triggers, Stored Procedures, User Defined Functions** and other T- SQL statements for various applications.
* Experienced in strategically implementing the indexes such as **Clustered index, Non-clustered index, covering index** appropriately on data structure to achieve faster data retrieval.
* Experience in using **T-SQL in SQL Server 2000 and 20005/2008 platform**
* Implemented complex **business logic** into database design and maintained the referential integrity via triggers and constraints.
* Experience in writing complex **T-SQL** queries using **Inner, Outer and Cross Joins.**
* Experience in **Creating and Updating Clustered and Non-Clustered Indexes** to keep up the SQL Server Performance.
* Experience in **Creating and Updating Statistics** to improve the SQL Server Performance.
* Experience in **Analyzing Execution Plan** and **managing indexes** and troubleshooting **deadlocks.**
* Good Knowledge in managing **Data and Transaction log files, Files Groups.**
* 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 tune the same to **improve performance**.
* Good knowledge in **Normalizing and De-normalizing** the tables and maintaining **Referential Integrity by using Triggers and Primary and Foreign Keys.**
* Good knowledge of **System Development Life Cycle (SDLC).**
* Good in implementing **SQL Server Security and Process Control.**
* Experience in **Creating Roles and Assigning** Permissions to the users.
* Good knowledge in SQL Server2005/2000 Client Server Architecture.

**Software Skills**

Database Technologies: **SQL Server (2000, 2005, 2008,2008R2, 2012,2014), Oracle 10g SQL, PLSQL**

Business Intelligence Tools: **MSBI (SSIS, SSRS & SSAS), Metadata**

Reporting Tools: **SQL Server Reporting Services (SSRS), Crystal Reporting, Information Design Tool, Universe Design Tools.**

ETL Tools: **Data Transformation Services (DTS) – Export/Import, SQL Server Integration Service (SSIS)**

Programming Languages: **SQL, T-SQL, MYSQL, UNIX, HTML, HTML5, CSS, XML, C, C++, C#**

IDEs /Tools: **MS Visual Studio 2012/2008/2005/2000, SSMS**

Version Control: **MS Team Foundation Server, Jira, Service Now, Share Point**

Operating Systems: **Microsoft Windows 98/2000/2003 Server/XP/7/8/2008 Server/2012 Server**

**Professional Work Experience**

**Client: Care 1st Health Plan, Los Angeles, CA. Oct ’2018-Till Date**

**Role: MS SQL/ BI Developer.**

Care1st Health Plan (“Care1st”) was created in 1994 by a group of health professionals from medical groups and hospitals with long histories of serving the under-served market. The founding physicians still practice medicine today and are actively involved in the daily operations of Care1st - which believes “patients come first” and aligns with their strong desire to see health care administered from a physician’s perspective.

**Responsibilities:**

* Performance **tuning, and optimization of procedures and queries**.
* Created complex Stored **Procedures, triggers, cursors, tables, Views** and other **SQL joins** and statements for applications by using **T-SQL**.
* Extensively used **T-SQL** in constructing user **functions, views, indexes,** user profiles, relational database models, data dictionaries, and data integrity.
* Implemented computational sensitive queries in **Stored Procedures.**
* Experience writing **T-SQL** scripts, **dynamic SQL**, complex stored procedures, functions, and triggers.
* Experience in T-SQL DDL/DML, perform most of the SQL Server Enterprise Manager and Management Studio functionality using T-SQL Scripts and Batches.
* Implemented Complex business logic with **User-Defined-Functions**, **Indexed Views and** also **created User Defined Data type, Clustered & Non-clustered Indexes.**
* Created various database objects **tables, indexes, views, stored procedures and triggers,** **Co-related sub queries, Dynamic SQL** queries and implemented referential integrity constraints for enforcing data integrity and business rules.
* Involved in design and development of ETL Jobs using SQL Server Integration Services (SSIS) for data migration between different maintenance systems.
* Experience in **Error handling through TRY-CATCH** statement, **Common Table Expression (CTE).**
* Using **SSIS**, building high performance data integration solutions, including extraction, transformation, and load (ETL) packages for data warehousing and also Scheduling the SSIS packages and Jobs
* Excellent in creating SSIS Packages for integrating data using OLE DB connection from heterogeneous sources (Excel, CSV, Oracle, flat file, Text Format Data) by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, merge and union all.
* Created Alerts for successful or unsuccessful completion of Scheduled Jobs.
* Extensively used Joins and sub-queries for complex queries involving multiple tables from different databases.
* Optimized the database by creating various **clustered, non-clustered indexes and indexed** views.
* Involved in Requirements gathering, Analysis and design of all the client requirements.
* Used various SSIS tasks such as Conditional Split, Derived Column, which were used for Data Scrubbing, data validation checks during Staging, before loading the data into the Data warehouse.
* Created SSIS Packages using Pivot Transformation, Fuzzy Lookup, Derived Columns, Condition Split, Term extraction, Aggregate, Execute SQL Task, Data Flow Task, Execute Package Task etc to generate underlying data for the reports and to export cleaned data from Excel Spreadsheets, Text file, MS Access and CSV files to data warehouse
* Expert in designing complex reports like reports using Cascading **parameters, Drill-Through Reports, Parameterized Reports** and Report Models using SQL Server Reporting Services (SSRS) based on client requirement.
* Created a SQL reporting services (**SSRS**) and **SSIS** infrastructure that pulls data from data sources and provides a sample to use reporting environment.
* Used Power pivot to create tables using **SSRS**.
* Used **SSRS** Report Catalog to store the Configuration, Security and Caching Information for the Operation of the Report Server.
* Using **SSRS** delivering enterprise, Web-enabled reporting, create reports that draw content from variety of data source.
* Created **SSRS** reports against Team Foundation Server Database.
* Deploying and scheduling Reports using SSRS to generate all daily, weekly, monthly and quarterly Reports including current status.

**Environment:** MS SQL Server 2012, SQL Server Reporting Services, SQL Server Integration Services (SSIS), ETL, Business Objects XI 4.0/3.1, IDT, Universe designer, WebI Reporting, Crystal Reporting 2013/2008, Info View, CMC, Visual Studio, OLAP.

**Client: Alta Hospitals System LLC, Norwalk, CA. Feb 2017 to Sept 2017**

**Role: MSBI Developer/Report Analyst**

Alta Hospitals System, LLC owns and operates a network of hospitals in Hollywood, Los Angeles, Norwalk, Van Nuys, and Culver City, California. It offers urgent care, surgical, acute care, labor and delivery, pediatric, out-patient, and in-patient and out-patient psychiatric services. Alta Hospitals System, LLC was formerly known as Alta Healthcare System, Inc. As a result of the acquisition of Alta Hospitals System, LLC by Prospect Medical Holdings, Inc., its name was changed in August 2007. The company was founded in 1998 and is based in Los Angeles, California. As of August 8, 2007, Alta Hospitals System, LLC operates as a subsidiary Prospect Medical Holdings, Inc.

**Responsibilities:**

* Working with end users in understanding the requirement and designing the reports accordingly.
* Identified the required data objects in the database and created various SQL complex queries to pull data for reports.
* Responsible for Creating reports in All Scripts around Patients, Encounters, Lab orders, Lab Results, ICD Codes, Lab Protocols, Patient Volume, Procedure Volume and Turn Around time using SSRS.
* Involved in managing report distribution and scheduling jobs to run reports daily, weekly, Monthly using All Scripts Application.
* Responsible for tuning T**-SQL procedures, triggers** and other database objects
* Fine-tuned and checked the performance of existing objects in SQL Server and implemented transactional logic for them
* Designed and Developed Database Objects like Tables, **Stored Procedures, Triggers, Rules, Defaults, user defined data types** .
* Involved in design and development of ETL Jobs using SQL Server Integration Services (SSIS) for data migration between different maintenance systems.
* Actively involved in Normalization & De-normalization of database
* Materialized views, dimensions and stored outlines for optimal performance
* Wrote Triggers and Stored Procedures to capture updated and deleted data from OLTP systems
* Used Performance Monitor and SQL Profiler to optimize queries and enhance the performance of database servers
* Extensively designed the packages and data mapping using Control flow task, Sequence container task, Dataflow Task, Execute SQL Task, Data conversion task, Derived Column task and Script Task in **SSIS** Designer
* Created packages in **SSIS with error handling**.
* Worked with different methods of **logging** in **SSIS**.
* Experience in creating complex **SSIS packages** using proper **control** and **data flow** elements.
* Created packages to load data from various sources like Flat File, Excel and OLEDB in SSIS 2008 R2
* Have **deployed packages on different servers** by **using package configurations**.
* Developed DTSX packages to extract, transform and load into the Campaign database from OLTP database using of SQL Server 2005 Integration Services (SSIS)
* Excellent report creation skills using Microsoft **Reporting Services (SSRS)**.
* Created Sub-Reports, Drilldown-Reports, and Cross Tab reports using MS SQL Reporting Services **(SSRS)**.
* Developed Queries for generating reports in **SSRS** 2008 R2.
* Developed **drill down, drill through and Parameterized** reports using SSRS 2008 R2
* Created **Subscriptions, Data driven subscriptions** and managed security for reports on SSRS Report Manager
* Experience in creating Ad-hoc and static reports using **SSRS** (SQL Server Reporting Services) from BIDS**.**
* Identified the dimension, fact tables and designed the data warehouse using star schema.
* Worked with Meta-Data Driven SSIS Packages to pull the data from different Sources and load to **Data mart.**
* Experience in designing a database design strategy and database for optimal performance.
* Designing and Optimizing Database Solutions with Microsoft SQL Server 2008.

**Environment:**SQL Server 2012/2008/2008R2/2012 Enterprise Edition, SQL Server Data Tools, SQL Server Business Intelligence Development Studio (SSIS, SSRS, SSAS), TSQL, C#, XML, MS Visual Source Safe and Windows Server 2010.

**Trovers HealthCare, Louisville, KY Sept 2015 - Dec 2016**

**Role: SQL BI Developer (SSIS, SSRS)**

**Responsibilities:**

* Effectively communicated with the client and involved in analysis, planning, design, development, and implementation stages.
* Created Logical and Physical data models for new requirements and Involved in **Dimensional Modeling** with Star Schema and Snowflake schema.
* Responsible for Installation, Configuration, Security, Maintenance, Restoration of SSRS on Windows Server 2003.
* Monitored jobs and validating the source data and destination data.
* Created complex Stored Procedures for writing the SSIS package logs into a physical database table.
* Analyzing the Cobol Programs and writing the Business Requirements for the Reports and Developing SQL Stored Procedures and Reports Using SSRS2008.
* Implemented various DDL modifications and developed Script libraries for generating Tables, Views and Functions for Reports.
* Developed complex SQL Scripts for various data manipulations and validations across ETL, Reporting and OLTP systems.
* Scheduling Jobs for SSIS packages, Backups and Restore databases in Dev environment for debugging purposes.
* Extensively used triggers, stored procedures with complex joins and Sub-Queries to simplify complex queries involving multiple tables.
* Involved in developing SSIS packages using BIDS for Incremental loading process including getting data from transactional system in to data ware house and then making data available to be viewable in the cube.
* SSRS installation and report server configuration to Support all Renders of Reports.
* Developed reports using **SSRS 2008**. Used table control, matrix control for cross tab reports.
* Writing queries to generate reports for analysis of data using SQL Server Reporting Services, Report Builder.
* Created packages in **SSIS** with error handling as well as created complex SSIS packages using proper control flow and data flow elements.
* Experience in enhancing and deploying the **SSIS Packages** from development server to production server.
* Written and executed complex T-SQL queries using SQL Management Studio for back end data validation testing.
* Creating some Score cards and Dash Board Reports Using **SSRS 2008**.
* Generated of **Ad-Hoc** reports as per the client requirements using Report Builder.
* Worked on XML and HTML content and metadata for [search engine optimization (SEO)](http://www.criticism.com/seo/search-engine-optimization.php).
* Process improvement activities -- Logging clarifications via QC which led to cost reduction and more efficient way for data tracking and management.
* Created objects like tables, views, Materialized views procedures, packages using Oracle tools like **PL/SQL, SQL\*Plus** and Handled Exceptions.
* Involved in database development by creating Oracle PL/SQL Functions, Procedures, Triggers, Packages, Records and Collections.
* Created weekly comparison report which validates the process of ETL.
* Used Linked server for writing complex T SQL code on SQL Server to query on IBM DB2 tables.
* Created partition function, schema and file groups for fact tables.
* Review sessions for QA leads on Test Strategies / Test plans / Regression testing to optimize the coverage area including Risk management techniques.
* Designed, Developed and Deployed reports in MS SQL Server environment using SSRS-2005/2008.

Performing query plans and making sure each query is using appropriate indexes.

**Environment:** MS SQL Server 2008, Windows 2000/NT/XP, SSIS, SSRS, SSAS, T-SQL, Oracle, Pl/SQL ,Erwin, ProClarity, Query Analyzer, MS Office 2008.

**Charter Communications, St. Louis, MO Sept 2013-July 2015**

**Role: SQL BI Developer**

Charter Communications, Inc. is an American [telecommunications](https://en.wikipedia.org/wiki/Telecommunications) company that offers its services to consumers and businesses under the branding of [Spectrum](https://en.wikipedia.org/wiki/Spectrum_(cable_service)). Providing services to over 26 million customers in 41 states,[[1]](https://en.wikipedia.org/wiki/Charter_Communications#cite_note-CharterProfile-1) it is the second-largest [cable](https://en.wikipedia.org/wiki/Cable_television) operator in the United States by subscribers

Role: Database Developer

**Responsibilities:**

* Development was done using **agile** methodology with daily scrums, paired programming using TDD and continuous integration in the **SDLC** process.
* Using MS SQLServer Reporting Services (**SSRS**) to create customized Reports and dynamic reports involving **Sub Reports, Matrix/Tabular Reports, Charts and Graphs**.
* Created multi parameterized (Cascading) reports in MS **SSRS** allowing users the ability to make selections before executing reports; thus, making them user friendly.
* **SSRS** Reports include formatting options such as Grouping, Sorting, Drill-down, Parameter prompts.
* Used **SSRS** Report Catalog to store the Configuration, Security and Caching Information for the Operation of the **Report Server**.
* Responsible for Dimensional Modeling based on the client requirements.
* Responsible for **data analysis**, loading data from Data feed to Data Warehouse tables.
* The SSIS Packages include, a Master Package which executes a number of Child Packages. The packages created include a variety of transformations like Execute SQL Task, Script Task, Execute Package Task, File Connection, Derived Column, and for Each Loop.
* Migrated data from different sources (text based files, Excel spreadsheets, and Access) to SQL Server databases using SQL Server Integration Services (**SSIS**).
* Modified stored procedures to meet current design and used them in SQL Server.
* Created complex Stored Procedures, Datasets, Object Data Sources, and SQL Data Sources.
* Modified web pages to do database inserts, deletes, modify.
* Troubleshooting Database performance issues and implementing necessary database changes.
* Involved in Development, Review and testing of the new system by implementing business rules and transformations.
* Created Logging and Auditing for error handling on all tables and worked with automated **SQL Jobs** for Automation.
* Identified Test Case for QA environment, resolve DB performance and did **performance tuning** for slow running queries.
* Detailed study and data profiling of all the underlying transaction application systems for the Sales and Billing subject areas and understand the data models designed by the architect. Identify and capture the right metadata from source systems.
* Improved all batch processing timings.
* Monitored the overall performance of the database to recommend and initiate actions to improve/optimize    Performance.
* Scheduled **Backups** and **Restore** operations with and monitored the Jobs and Maintenance plan.
* Work involvement in performance **monitoring** of **Memory, Processor, Disk I/O** and fine tuning.
* Tested new GUI with multiple test cases for generating different reports and worked on optimization process.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
* Have used **JIRA** tool to get the latest updates about project and to see assigned tasks to each individual in the project.
* Also, Used **JIRA** to track bugs.
* Worked on synchronization jobs for keeping sync of data between Front End and Back end databases.
* Worked with release team for migration of data.
* Created various Queries to retrieve data from **Azure** SQL Database for windows services.
* Experience in deploying SQL Databases in MS **AZURE**.

**Environment**: MS SQL server 2008 R2/2012, BIDS, T-SQL, .NET (C#), MS Visio, MS Server Integration services (SSIS), MS Server Reporting services (SSRS), Jira

**HSBC Bank, Hyderabad, India. Oct 2011 – Aug 2013**

**Role: SQL Server Developer**

HSBC Bank plc is one of the largest banking and financial services organizations in the world. HSBC's international network comprises around 7,500 offices in over 80 countries and territories in Europe, the Asia-Pacific region, the Americas, the Middle East and Africa.

**Responsibilities:**

* Actively participated in interacted with users, team lead, DBAs and technical manager to fully understand the requirements of the system.
* Worked on the Reports module of the project as a developer on MS SQL Server 2005/2008 (using SSRS, T-SQL, scripts, stored procedures and views).
* Created Dashboards and reporting services web parts using Moss 2007.
* Involved in deployment of SSRS reports on the SharePoint Portal.
* Created sub reports, bar charts and matrix reports.
* Created reports from OLAP, sub reports, bar charts and matrix reports using SSRS
* Involved in deployment of SSRS reports on the SharePoint Portal.
* Performed logical and physical data modeling as well as database creation and modification for Global Inventory, Global Revenue and Global Demand Planning data warehouses using Erwin.
* Maintained the table performance by following the tuning tips like Normalization, creating indexes and collect statistics.
* Created SSIS Packages to migrate slowly changing dimensions
* Worked on SSIS for transferring data from Heterogeneous Database (Access database and xml format data) to SQL Server.
* Worked on SSIS for transferring data from Heterogeneous Database (Access database and xml format data) to SQL Server.
* Worked on SSIS Script component using Visual Basic Applications, VB.NET and C#.
* Used SSIS and T-SQL stored procedures to transfer data from OLTP databases to staging area and finally transfer into data marts and performed action in XML.
* Responsible for Design and Normalization of the database tables.
* Created Entity relationship diagrams ER-Diagrams, function relationship diagram, Dataflow Diagrams and enforced all referential integrity constraints.
* Performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard.
* Troubleshooting performance issues and fine-tuning queries and stored procedures.
* Wrote stored procedures to get the fields required for the reports.
* Created datasets using stored procedures and reports using multi value parameters

**Environment:** SQL Server 2005/2008(2003 ,64 bit edition of sql server 2000), Crystal Reports, Microsoft Business Intelligence Development Studio, VB Scripts, SQL Queries, Stored Procedures, Office, Excel, SSRS, SSIS, SSAS, ERWIN.

**Education**

Bachelors in Computer Sciences from TRR Engineering College, India.

**References**

Available up on request.