**Chaithanya**

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# PROFESSIONAL SUMMARY:

* **8 years** of experience in IT industry as a **Microsoft SQL Server BI Developer and** specializing in database design, development & administration work with **Microsoft SQL Server 2016/2012/2008R2/2008/2005** for OLTP, OLAP, large-scale data warehouse applications.
* Over **6+** Years of experience indata warehouse development with **Integration Services (SSIS), reporting services (SSRS) and Analysis services (SSAS).**
* Experience in **hybrid cloud** application using **Microsoft Azure.**
* Experience in **Power BI**Desktop to develop data analysis multiple data sources to visualize the reports.
* Experience in testing of **Business Intelligence solutions, Data Warehouses, Data Marts, ETL, OLAP, Client/Server applications**, Web-based applications in Insurance, Finance, and Health Care domains.
* Extensive experience with different phases of **software development life cycle (Analysis, Design, Implementation, Testing,** and **debugging** new and **existing client-server based applications**).
* Extensive experience in developing complex **Stored Procedures**, **Functions,** **Triggers, Views, Cursors, Joins** and **Sub queries** with **T-SQL.**
* Strong knowledge in **database design** features including **ER Diagrams, normalization, tables, views, indexes, constraints, keys**, data dictionaries, and data integrity.
* Profound knowledge and ability to write **stored procedures, temporary tables, views, indexes, triggers** when required and complex queries including correlated queries and queries with complex joins and aggregate functions.
* Expertise with DDL and DML statements, RDBMS’s, data dictionaries and normal forms.
* Proficiency and expertise in SQL Server **Replication**, **Backup/Recovery**, **Disaster recovery and planning**.
* Experience in **JIRA** as a defected tracking and work status tool and Confluence for cloud documentation.
* Worked in **Agile/Scrum methodology** with daily status meetings.
* Experience in query optimization (SQL tuning) using SQL **Profiler**, **Database Tuning Advisor (DTA)**, Index tuning wizard and **Performance monitor** for performance tuning.
* Experience in building Data Integration, Workflow Solutions and **Extract, Transform,** and **Load (ETL)**solutions for data warehousing using **SQL Server Integration Service (SSIS)**
* Developed **ETL** process using **SSIS** with various **control flow, data flow tasks** and store procedures for work order validation process.
* Experience in providing Logging, Error handling by using Event Handler, and Performance Tuning in **SSIS** packages by using Row Transformations, Block and Unblock Transformations.
* Experience in creating jobs, SQL Mail, Alerts and schedule **SSIS** Packages using SQL Server Agent.
* Creating **SSIS Packages** and involved in Package configurations and deployments between Development and QA and Production servers.
* Expert in designing and generating reports using SQL Server Reporting Services (SSRS) and Excel Pivot table based on OLAP cubes which make use of multiple value selection in parameters pick list, matrix, dynamic reports and other features of reporting service.
* Experience in **Microsoft Reporting Service (SSRS)** with Report authoring, Report management, Report delivery and Report security**.**
* Experience in SSRS installation, configuring report server and configuring scale out deployment.
* Hands on experience in developing Custom Reports and different types of **Tabular Reports, Matrix Reports, Ad hoc reports and distributed reports** in multiple formats using **SQL Server Reporting Services** (**SSRS**) in Business intelligence development studio (**BIDS**).
* Expert in creating **parameterized reports, Drill down, Drill through**, Sub reports, Linked reports, **Snapshot, Cached**, Adhoc reports using **SSRS**.
* Experience in created simple and Data Driven subscriptions.
* Expert in writing MDX queries with extensive experience in creating and customizing Cubes using SQL Server Analysis Services (SSAS) 2005/2008.
* Experienced in working with Star Schema modeling to develop ROLAP/MOLAP Cubes using SQL Server 2005/2008 Analysis Services.
* Experience in Cube designing in Business Intelligence Development Studio using SSAS.
* Strong experience in defining Referenced relationships in **SSAS**.
* Experience in Application Development Analysis, Requirement Analysis, Scoping, Developing, Debugging, Testing and Documentation of various phases in a project life cycle of Client/Server Applications.

# TECHNICAL SKILLS:

**SQL Server/BI Tools** SQL Server Integrating Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), SQL Azure, Power BI, SQL Profiler, Query Analyzer, SSDT, Export & Import (DTS)

**Databases** MS SQL Server 2016/2012/2008R2/2008/2005, MS Access, My SQL

**Programming Languages** C#, T-SQL, HTML, JSP, Java Script, Asp.Net and VB.Net.

**Tools** Visual Studio 2012/2010/2005, Erwin 7.2

**Application Packages** MS Office, MOSS 2007

**Operating Systems** Windows 2000/NT/XP, UNIX, Windows Server 2012/2003

**Architecture** RDBMS, OLAP, OLTP

**Data Modeling Tools** Erwin 7.2/4.5/4.0, MS Visio 2003/2007, Rational Rose

# EDUCATION:

* Bachelor of Technology (Computer science & Engineering) – GITAM University

**PROFESSIONAL EXPERIENCE & DEVELOPMENT:**

**Client : IBM (Ernst & Young), Chicago**

**Role :** Database Developer/BI Developer

**Duration : AUG 2017 – Till date**

**Responsibilities:**

* Working with BA to develop **EY GF3 Watson Tax Workbench application** as Database Developer in **Agile/Scrum methodology.**
* Used various transforms in **SSIS** to load data from flat files and Excel files to the SQL database.
* Participate in the design, development, and analysis of data architecture**.**
* Contributing in architectural designing and developing caching.
* Maintaining and monitoring of **SQL Agent Jobs**.
* Migrated objects and data from **DB2** database to **SQL Server.**
* Daily status meetings on assigned user-stories with Scrum Master.
* Involved in executing **Test Plans and Test Cases** with **QA’s**.
* Wrote Stored Procedures in **MS SQL Server 2016** to support Middle-Tier (JAVA) and User-Interface (Angular JS) developers to reach BA requirements.
* Trouble shoots and modifies any SQL scripts and resolves issues.
* Wrote complex **Stored Procedures, Functions, Triggers, Views, Cursors, Joins and Sub queries** with **T-SQL** and **User Define Scalar Functions (UDFs)** to be used to support application in UI.
* Documented work (both technical and procedural) and ensured that MT/UI understood how to support the application from the database perspective.
* Using **JIRA** as a defected tracking and work status tool and Confluence for cloud documentation.
* Client (E&Y) Demo’s for every sprint.
* Using **Slack** for team collaboration.
* Managing multiple tasks and responsibilities in high-pressure environment.
* Involve in Performance tuning and guide support team in resolving issues.
* Completed **IBM HIPAA** training and certified.

**Environment:** SQL Server 2016 & 2014,DB2**,** SQL, T-SQL, GITHUB, MS Access, MS Excel& Windows 2010 server, Slack, JIRA v7.4.3.

**Client : Thales Group, CA**

**Role :** Sr SQL Server/BI Developer

**Duration : Jan 2016 – July 2017**

**Responsibilities:**

* Requirement gathering analyze & design of BI environment.
* Analyze upstream systems and develop load strategy.
* Table partitioning and maintenance.
* Performing restore and backups.
* Schedule calls with onsite peers and stakeholders and discuss the design strategy.
* Create database objects such as tables, views, stored procedures, Triggers etc.
* Coordinate with different teams and set up **SQL, SSIS** and **share point** environment.
* Designed SSIS Packages to extract, transfer, load **(ETL)** data from EDW to **SQL Server.**
* Wrote **stored procedures** and **User Define Scalar Functions (UDFs)** to be used in the **SSIS** packages and **SQL scripts** and **SSRS** reports.
* Create **SSRS reports** as per business requirements and deploy them in SharePoint.
* Integrated custom visuals based on business requirements using **Power BI** desktop.
* Provided maintenance and development of bugs fixes for the existing and new **Power BI** reports.
* Involve in Performance tuning and guide support team in resolving issues.
* Scheduling Jobs and Alerting using SQL Server Agent in **Power BI**.
* Mentor team members and drive them to come up with Idea projects.

**Environment:** SQL Server 2012 & 2008R2 Enterprise Edition, SQL, T-SQL, MS Access, MS Excel& Windows 2003 server, Business Intelligent technologies like SSIS, SSRS, Power BI.

**Client : Walgreens, IL**

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

**Duration : October 2014 – December 2015**

**Responsibilities:**

* Developed SSIS packages to **Extract, Transform and Load (ETL)** data into the data warehouse database from heterogeneous sources.
* Used various transforms in **SSIS** to load data from **flat files** and **Excel** files to the **SQL** databases.
* Wrote **stored procedures** and **User Define Scalar Functions (UDFs)** to be used in the **SSIS** packages and **SQL scripts** and **SSRS** reports.
* Created **hybrid cloud** application using **Microsoft Azure** (SaaS, PaaS)
* **Created packages** with different control flow options and data flow transformations such as Conditional Split, Multicast, Union all and Derived Column etc.
* Created SSIS packages for File Transfer from one location to the other using FTP task with **Master SSIS Package** to run all other packages.
* Implemented database standards and naming convention for the database objects and documentation of all the processes involved in maintaining the database for future reference.
* Used Bulk Copy program **(BCP)** to import and export large amounts of data in and out of SQL Server databases.
* Designed and built Star and Snowflake dimensional models creating facts, dimensions, measures, cube and established data granularity.
* Worked on multidimensional data modeling.
* Participated in Databases Architecture and data modeling design.
* Reviewed and developed data models and database designs with development teams
* Created Stored Procedures, Triggers, Functions, Indexes, Tables, Views and other T-SQL code and SQL joins for applications.
* **Monitoring Performance** of SQL server using SQL Profiler, Query Analyzer, Database Engine Tuning Advisor (DTA) and Performance monitoring.
* Developed various types of reports like Drill down, Drill through and parameterized reports using **SQL Server Reporting Services 2008 R2**.
* Inspected the reports and fixed bugs in stored procedures and also tuned Reporting Services to the T-SQL.
* Worked on Change Management Cases to resolve the production change request issues based on the Specifications provided.
* Worked on call support to resolve issues whenever needed.
* Worked on **Agile Methodology** and **Microsoft Team Foundation Server** (TFS)

**Environment:** SQL Server 2012 & 2008R2 Enterprise Edition,Microsoft Azure**,** SQL, T-SQL, MS Access, MS Excel,& Windows 2003 server, Business Intelligent technologies like SSAS,SSIS,SSRS.

**Client : Humana, KY**

**Role : SQL/BI Developer**

**Duration : Oct’2012 – September 2014**

**Responsibilities:**

* Created databases and schema objects including tables, **indexes** and applied constraints, connected various applications to the database and written functions, stored procedures and triggers.
* Successfully **migrated** the database from **SQL Server2008R2** to **SQL Server 2012**
* Successfully **migrated** data between different heterogeneous sources such as flat file, Excel and SQL Server 2008 using **SSIS**, **BCP** and **Bulk Insert**.
* Used Query Analyzer to **optimize SQL Queries**.
* Generated reports from the cubes by connecting to Analysis server from SSRS.
* Created Dimensions with the cube wizard and also individually.
* Designed, Developed and Deployed reports in MS SQL Server environment using SSRS-2008.
* Designed and created **Report templates**, **bar graphs** and **pie charts** based on the financial data
* Created reports with Analysis Services Cube as the data source using SQL Server 2005/2008 Reporting Services.
* Created the automated processes for the activities such as database backup processes and SSIS Packages run sequentially using **SQL Server Agent job**.
* Created Error and Performance reports on SSIS Packages, **Jobs**, **Stored procedures** and **Triggers**.
* Assisted in production of OLAP cubes, wrote queries to produce reports using SQL Server 2005/2008 Analysis Services (SSAS) and Reporting service (SSRS).
* Developed the SQL Server Integration Services (SSIS) packages to transform data from SQL 2005 to MS SQL 2008 as well as Created interface **stored procedures** used in **SSIS to load/transform data** to the database.
* Created Reports from **Web Services** and used MDX on Cubes in SSAS to create reports in SSRS.
* Designed high level ETL architecture for overall data transfer from the OLTP to OLAP with the help of SSIS.
* Experience in using tools like **Index Tuning Wizard**, **SQL Profiler**, and **Windows Performance Monitor** for Monitoring and Tuning MS SQL Server Performance.
* Deployed SSIS Package into Production and used Package configuration to export various package properties to make package environment independent.
* Worked on Sub Reports, **Graphing**, **Data Drill-Down**, and **Data sorting/grouping**, **Crystal Report** Design.
* Designed **SSRS reports** with **sub reports**, **dynamic sorting**, defining data source and subtotals for the report.
* Extensive working knowledge in Application testing, **Data Modeling**, **Data migration**, **Data Warehousing**, and **OLTP**, OLAP Database projects.

**Environment**: SQL Server 2012,2008R2 Enterprise Edition, SSAS, MDX, OLAP, SSIS, T-SQL, SSRS, Windows Server 2012, Performance Point Server 2007, MS Access, Visual Studio 2010, .Net4.0

**Client : XO Communications, VA**

**Role : SQL/BI Developer**

**Duration : September 2011 – July 2012**

**Responsibilities**:

* Developed **SSIS** Packages to extract data from various data sources such as MS Access, Excel and flat files into **SQL server 2008** using different transformations, Derived column, Sort, Row count.
* Developed, deployed and monitored **SSIS** Packages.
* Extensively used **SSIS** Import/Export Wizard, for performing the **ETL** operations.
* Made SSIS packages parameterized using Configuration files.
* Experience with **SSIS** performance tuning using counters, error handling, event handling, re-running of failed **SSIS** packages using checkpoints.
* Created SSIS packages for data Importing, **Cleansing**, and Parsing etc. Extracted, cleaned and validated.
* Used efficient task objects/connections/work flows in packages based on data volumes and data sources.
* Studied the existing OLTP system(s) and **Created facts, dimensions** and **Star Schema** representation for the data mart.
* Responsible for identifying and defining **Data Source** and **Data Source views**.
* Created cubes and defined the dimensions.
* Optimized cubes for better **query performance**.
* Created and integrated User defined functions and stored procedures for reporting purposes.
* Generated reports that can handle dynamic grouping and dynamic sorting.
* Used SQL Server Profiler to tune the performance of the stored procedures and functions to improve the report generation time.
* Defined relationships between Dimensions and Measure groups.
* Expert in calculating measures and dimension members using mathematical formulas, and user-defined functions.
* Created Cross-Tab, Drill-down, Drill-through and Sub drill down reports -Report using RDL. Promoted RDLs to Reporting Service Server.
* Deploying and scheduling Reports using **SSRS** to generate all daily, weekly, monthly and quarterly Reports including current status.
* Generated reports using SQL Server Reporting Services 2005/2008 from OLTP and OLAP data sources.

**Environment:** MS SQL Server 2008 Enterprise Edition, MS SQL Analysis Services 2008, MS SQL Reporting Services 2008, MS Access, MS SQL **SSIS/SSRS** 2008, Windows XP Professional, Relational DBMS, data warehousing, Insurance Systems.

**Client: ICICI Lombard, Hyderabad**

**Role: SQL/BI Developer**

**Duration: May 2010 – August 2011**

**Responsibilities**:

* Created/Updated database objects like tables, views, stored procedures, function, packages,
* Created views to facilitate easy user interface implementation, and triggers on them to facilitate consistent data entry into the database.
* Developed Tablix reports, chart reports, line reports, parameterized reports, sub reports using SQL Server Reporting Services 2008.
* Designed reports using **Pivot-tables, bar-charts, Line-charts and Pie-charts** on data from cubes and SQL Server in Excel 2007.
* Integration of SSRS Reports using various **web parts** into **SharePoint** and various delivery mechanisms.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
* Deployed SSRS reports onto **Microsoft Office SharePoint Server2007** (**MOSS**).
* Designed and developed packages for **data warehouse** using Integration Services **(SSIS)** SQL Server 2008/2008R2.
* Involved in providing **ETL support** for the production server.
* Migrated **DTS packages** from SQL Server 2005 to SQL Server 2008 as **SSIS Packages.**
* Involved in creating **SSIS jobs** to automate the reports generation and cube refresh packages.
* Querying and manipulating multidimensional cube data through MDX Scripting (SSAS).
* Enhanced the functionality of OLAP cube by creating actions and perspectives from huge dataset using SQL Server 2008 Analysis Services.
* Created SQL Server Profiler traces & used with Database Tuning Advisor (DTA) for optimum performance of **T-SQL** and MDXqueries**.**
* Created logical and physical database **design**, data structures and maintained it by writing **stored procedures**, **user defined functions**, **views**, **T-SQL** script.
* Optimize the database by creating various **clustered, non-clustered indexes** and **indexed views.**

**Environment:** SQL Server 2008 Enterprise Edition, BIDS, SSAS, SSIS, SSRS, T-SQL, MOSS 2007, MDX, ETL, VB.Net, ASP.Net, C#, Oracle 9i, Performance Point Server 2007, Erwin 7.2.