**Harsh**

# **SQL Server Developer**

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**Professional Summary:**

* Over 7+ years of experience in MSBI tools SSIS, SSRS, and SSAS and Database design, development and administration using My SQL Server 2016, 2014, 2012 and 2008 in Production, Test, Development environment
* Excellent knowledge in RDBMS concepts and constructs along with Database Objects creation such as Tables, User Defined Data Types, Indexes, Stored Procedures, Views, User Defined Functions, Cursors and Triggers
* Experience in creating interfaces using SSIS in MS SQL Server and its different tools like SSMS (SQL Server Management Server), BIDS (Business Intelligence Development Server) and SQL Server Configuration Manager, writing FUNCTIONS, TRIGGERS, CURSORS.
* Experience in developing ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files etc.) and loaded the data into target tables by performing different kinds of transformations using SQL Server Integration Services (SSIS)
* Good experience in developing various types of complex reports like reports using cascade parameters, drill down and drill through reports, matrix reports, sub reports, parameterized reports, Ad-Hoc and charts using SQL Server Reporting Services (SSRS) based on requirements
* Experience in providing Logging, Error handling by using Event Handler, and Custom Logging, Performance Tuning in SSIS packages by using Row Transformations, Block and Unblock Transformations, OLEBD Command
* Extensive knowledge of Designing, Developing and deploying various kinds of reports using SSRS using relational and multidimensional data
* Expert in generating Parameterized reports, Linked reports, Sub reports and filters, charts in SSRS 2008/2012
* Experience in development of extracting, transforming and loading (ETL), maintain and support the enterprise data warehouse system and corresponding marts
* Experience in Batch processes, Import, Export, Backup, Database Monitoring tools and Application support
* Experience in SQL Server Analysis Services (SSAS) for designing OLAP Cubes
* Knowledge of Data Warehouse Architectures like Dimensional Modelling, Data Vault modeling, star/snowflake schema.
* Hands-on experience using MS SQL Server (2005/2008/2012/2014/2016), T-SQL and Microsoft Business Intelligence Suite (SSIS, SSRS, SSAS).
* Good Knowledge of RDBMS and Data Warehouse Concepts, OLTP, OLAP.
* Proficient in SQL Server and T-SQL (DDL and DML) in constructing Tables, Normalization techniques on database Tables.
* Experienced in SQL database migration in MS Azure Environment
* Experience in Powershell scripting.
* Experience in SSIS packages development for data loading.
* Expertise in Data Analysis by writing Ad-hoc T-SQL (DML and DDL) Queries.
* Hands-on experience in debugging stored procedures to optimize performance.
* Experienced using Report Builder for Ad-Hoc reporting in SSRS for daily reports.
* Experienced on Erwin Data Model Tool, Relational Database Modeling and Dimensional data base modeling concepts.
* Experienced in T-SQL Job in Scheduled jobs to run SSIS packages.
* Worked on Database administration, Database replication, HADR setup and Asynchronous processing using Service Broker (Inter Database and Cross server).
* Excellent problem resolution and communication skills with ability to work under pressure in a highly visible role and 24x7 on call Production support
* A well-organized, goal-oriented, highly-motivated effective member/team leader with excellent analytical, troubleshooting, and problem solving skills
* Ability to handle multiple tasks, initiative and adaptable. Self-motivated, organized team player with strong problem solving and analytical skills and total commitment to the organization goals
* Excellent analytical, Interpersonal and Communication skills, fast learner, hardworking and versatile team player

# **Technical Skills**:

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| **RDBMS** | MS SQL Server 2012/2014/2016, SQL Server 2008 R2, Oracle, Teradata, MS Access. |
| **Methodologies** | SDLC Waterfall, Scrum, Agile. |
| **Tools & Packages** | SQL Server Management Studio, Enterprise Manager, Profiler, Business Intelligence Development studio (BIDS), DTS, ETL, Visual Studio. MS Word, MS Excel, MS PowerPoint. |
| **BI Tools** | SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), DTS, SQL Server Analysis Services (SSAS), MS Visio, Power BI |
| **Languages** | T-SQL, PowerShell Scripting, Unix Shell Scripting, ASP.NET 4.0 |
| **Application Packages** | MS Office Suite, MS Outlook. |
| **Job Scheduling Tools** | SQL Server Agent |
| **Reporting Tools** | SSRS, Power BI |
| **Operating Systems** | Windows 98/95, Windows XP/7/8/10, UNIX, Windows 2007/2008/2010. |

# **Professional Experience**:

**Howard Bank, Baltimore, MD Dec 2018 – Till Date**

**Role: MSBI Developer**

**Responsibilities:**

* Participated in the meetings between Business Users and EDW team to gather the Technical/functional requirements.
* Worked as a contact between the Business Users and BI technical team to convert the business requirements into technical requirements.
* Worked in developing technical solutions to business problems, or to advance a company's sales efforts, begins with defining, analyzing and documenting and managing the requirements at the project level that can help to fulfill business needs.
* Design, develop, implement, and maintain applications for the Assessment Applications group using Microsoft SQL Server Management Studio (SSMS), T-SQL, Microsoft Visual Studio 2008 / Business Intelligence Development Studio (BIDS).
* Developed power model for financial reporting
* expertise in writing DAX query
* used serious till data into power bi such as sql,sap,oracle .
* schedule automated refresh in power bi
* Created functional requirement specifications and supporting documents for business systems.
* Initiated to implement technological solutions in a cost-effective way by determining the requirements of a project and communicating them clearly to the project/product stakeholders, facilitators and partners.
* Designed the Templates, work-flow and standards for SSIS Packages.
* Created SSIS packages to move data from BPCS (ERP System) to SQL Server and to move data from Sources to Staging.
* Built various SSIS packages having different tasks and transformations for various business areas.
* Deployed SSIS Package into Production and used Package configuration to export various package properties to make package environment independent.
* Created traces using SQL Server profiler to find long running queries and modify those queries as a part of Performance Tuning operations.
* Analyzed the gaps, streamlined the existing process, proposed and implemented new processes to build reporting platform moving away from citric reports.
* Developed reports in SSRS charts, graphs and maps for better visualization.

**Environment:** SQL Server 2016, T-SQL, Windows 10, Visual Studio 2015, SSIS, SSRS, SSAS, SSMS, Power BI, MS-Visio, Microsoft-Office 2016, Business Intelligence Development Studio (BIDS)

**GNB Bank, Grundy Center, IA Jan 2018 – Nov 2018**

**Role: SQL Server Developer/SSIS-SSRS Developer**

**Responsibilities**:

* Provided technical thought leadership and actively participated in the design, development and implementation efforts as a team lead as well as a team member with individual contribution.
* Creating and scheduling SSIS packages to pull data into SQL Server, IBM DB2 Server from various data sources like Flat File, Subsets, Excel Spreadsheets etc. Writing SSIS packages using SQL Server Data Tools.
* Resolving issues and Error Handling in SSIS.
* Creating stored procedures Triggers and user defined functions using joins and cursors as required for SSIS packages.
* Working with different data flow transformations like Derived column, Data conversion, Look up, Script component, Aggregate and Unpivot.
* Working on SSIS script task, lookup transformations and data flow tasks using T- SQL and Visual Basic (VB) scripts.
* Working on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints.
* Scheduling reports for monthly reports for executives and customer representatives for various categories and regions based on business needs using SQL Server Reporting services (SSRS).
* Creating Parameterized Reports, Sub-reports using SQL Server Reporting Services.
* Designing reports and delivered them by any of the delivery methods like standard subscriptions, data-driven subscription, URL access etc.
* Creating reports from various migrated data sources into simple dashboards for easy reviewing.
* Documenting and maintained database system specifications, ER-diagrams, and connectivity charts.

**Environment**: SQL Server, SQL Server Data Tools, Visual Studio, SSIS, SSRS, TFS, SQL Profiler, Windows Server, .NET Framework, C#.Net, Windows.

**Bluestem Brands, Minneapolis, MN Sep 2015 – Dec 2017**

**Role: SQL Server Developer/SSIS-SSRS Developer**

**Responsibilities**:

* Wrote complex SQL queries, stored procedures, triggers, views, constraints, joins,
* DDL, DML and user defined functions to implement the business logic.
* Resolving complex issues and Error Handling in SSIS.
* Experiencing in creating complex SSIS packages using proper control and data flow elements.
* Creating and scheduled SSIS packages to pull data from SQL Server and exported to various data sources like Excel Spreadsheets, Flat File etc. and vice versa.
* Using various control flow tasks like FTP, Bulk insert task, Transfer job task etc. and different dataflow tasks.
* Working with different Control flow tasks in creating SSIS packages especially For Loop and For Each Loop containers with Execute SQL.
* Working with Master SSIS packages to execute a set of packages that load data from various sources onto the Data Warehouse on a timely basis.
* Creating complex stored procedures Triggers and user defined functions using joins and cursors as required for SSIS packages.
* Working on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints.
* Creating Stored Procedures to transform the Data and worked extensively in T-SQL for various needs of the transformations while loading the data.
* Building SSRS reports from various heterogeneous sources like SQL Server, Oracle.
* Creating Parameterized Reports, Drill down, Sub-reports using SSRS 2008.
* Creating Ad hoc reports using Report Builder.

**Environment**: SQL Server, Visual Studio, SSIS, SSRS, .NET Framework, VB Script, Windows.

**First Point IT, India Jan 2014 – Jul 2015**

**Role**: **SQL Developer**

**Responsibilities**:

* Created Database Tables, Views, and Functions and developed procedures for implementing application functionality at the database side for performance improvement
* Wrote complex SQL queries using all kinds of joins, sub queries to retrieve data from the database
* Used SSIS to create ETL Packages to validate, extract, transform and load data to data warehouse databases, data mart databases
* Extensively worked on error handling at different levels of SSIS packages like control flow level and data flow level.
* Generated packages using different Transformations like Lookups, Derived Column, Merge Join, Fuzzy Lookup, For Loop, For Each Loop, Conditional Split, Union all.
* Deployed the created SSIS packages in Development and Testing environments
* Developed custom reports and deployed them on server using SQL Server Reporting Services (SSRS)
* Generated periodic reports based on the statistical analysis of the data using SQL Server Reporting Services (SSRS)
* Involved in Installation, configuration and setting of Database servers for various test and development environments including SSRS Installation configuration and administration
* Used Agile development software to report bugs and to track the status of User Stories and participated in Scrum calls every day
* Interacted with end users and customers and act as functional analyst /development member with various cross functional teams
* Gather requirements and design of data warehouse and data mart entities
* Worked closely with the team in meeting the deadlines pertaining to design and development deliverables

**Environment**: MS SQL Server, Microsoft Visual Studio, SSIS, SSRS, SSMS, MS Excel, T-SQL.

**Aricent Technologies, India May 2012 – Dec 2013**

**Role**: **SQL Developer**

**Responsibilities**:

* Worked on different levels of ETL Loads like Extract Data from Source System into data warehouse.
* Used Data profiling task to check the validity of text files, loaded them into staging database, applied data constraints and then finally loaded in to production.
* Successfully deployed SSIS package into production environment using package configurations to export various package properties which indeed make the package environment independent
* Involved in development and debugging of complex batch T-SQL Procedures and functions.
* Created SSIS packages for transferring data from various data sources like Oracle, MS Access, Excel, text, CSV files.
* Created data source views from SQL Server data sources.
* Created aggregations based on year to improve the query performance and optimizing the storage
* Worked on SSIS script task, look up transformations, persistent lookups and data flow tasks using T- SQL and Visual Basic (VB) scripts
* Worked on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints
* Wrote stored procedures for all the Database Interfaces, created user defined functions, constructed triggers, tables, views, indexes and user profiles.

**Environment**: MS SQL Server, SSIS/SSRS, T-SQL, Visual Studio, .NET Framework, SQL Server Profiler, SQL Server Management Studio, SQL Server Business Intelligence Development Studio (BIDS).