**Kruti**

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**Professional Summary**

* **7+ years** of extensive **IT experience** in the Analysis, Development, Implementation and Support of **SQL Server, T-SQL programming** in **OLTP environment** and **Data warehousing**
* Experience in Microsoft **SQL Server** 2005/2008/2008R2/2012/2014, **T-SQL**, SQL Server Integration Services (**SSIS**), MS-Access, Excel and VBA in database and applications development and report design and development.
* Extensively worked on SQL Server tools like Management Studio, Business Intelligence Development Studio, SSIS and Reporting Services (SSRS).
* Experience with Informatica PowerCenter 8.4, 9.0, 9.2.3, developing complex transformations, mappings, Mapplets and workflow
* Strong **T-SQL** experience in creating database objects like **Tables**, **Stored Procedures**, **DDL/DML Triggers**, **Views**, **Indexes**, **Cursors**, **Functions** and **User defined data types**.
* Migration **SQL Server 2005** to **SQL Server 2008R2** and **SQL Server 2008** to **SQL Server 2012**.
* Migrated DTS packages to SSIS and modified using DTS editor wizard.
* **Experience in Analysis and Testing of business applications**
* Experience in applying **SQL Best practices** to optimize the performance
* Experience in **working** with **SSIS** 2008 R2/2016
* Experience in designing ETL solutions using **INFOARMATICA Mappings**/Sessions/Work Flows
* Experienced in using tools like Bulk Copy Program (**BCP**), Bulk Insert, Data Transformation Services (DTS) and SSIS with MS SQL Server.
* Strong experience in developing complex MS SSIS packages, SSRS reports, Informatica mappings, Teradata utilities - TPT, Fast load and Netezza utilities like nz load
* Dexterous developer in creating Constraints, Defaults, Rules, Tables, Indexes, Views, Stored Procedures, Functions, Triggers, Cursors and Dynamic SQL queries.
* Implemented the SQL Server concepts like Data partitioning ,Snap shot Isolation, Database Mirroring, Database Snapshot, DDL triggers, try-cache blocks, Online indexing, DMV's, DMF's, SQLCMD and dedicated admin connection.
* Experience in SQL Server DTS and SSIS package design, development, and deployment using SQL in Control flow, Data flow, Error Handling and Event handling in different heterogeneous sources (Excel, CSV, Oracle, flat file, Text Format Data).
* Experience in **migrating data** between differentsource systems using SSIS packages.
* Installation and configuration of SQL Server Management Studio 2008 R2, 2012/2014.
* Expert in Extraction, Transforming and Loading (ETL) data flows using **SSIS**; creating mappings/workflows to extract data from **SQL Server** and Flat File sources and load into various Business Entities.
* Experienced in the complete life cycle of DTS/SQL Server Integration services (**SSIS**) Packages (Developing, Deploying, Scheduling, Troubleshooting and monitoring) for performing Data transfers and ETL jobs across different servers.
* With Error Handing from development server to production server, migrating DTS Packages from SQL Server 2000 to SQL Server 2005 and SQL Server 2005 to SQL Server 2008, and using SSIS Import/Export Wizard for performing the ETL operations.
* Experience in creating **Data reconciliation** reports for Source to Target data flow.
* Experience in writing **DDL**,**DML& Joins** statements as per the requirements.
* Experience in creating **views** to facilitate **restricted user interface** implementation, and triggers on them to facilitate **consistent Data entry** into the database.
* Experience in creating stored procedures and triggers for **Data consistency.**
* Experience in working with multiple databases residing on different servers using **OPENROWSET and Linked Servers.**
* Expertise in **rebuilding the indexes** at regular intervals for better performance.
* Performed BCP, BULK INSERT, Imported and Exported data from different Data Sources.
* Expertise in creating **ad hoc queries** to produce custom data extracts.
* Experience in Data Import/Export
* Worked on complex T-SQL statements, and implemented various codes and functions.
* Expert in designing and scheduling complex **SSIS** Packages for transferring **millions of records** from multiple data sources to **SQL server**. Expert in **Creating**, **Configuring** and **Fine-tuning ETL** workflows designed in **SQL Server Integration Services (SSIS).**
* Hands on experience with performing various **SSIS data transformation** tasks like **Look-ups, Data Conversion, Conditional Splits** and **Event Handlers, Error Handlers**.
* Experience in **creating configuration files** to deploy the SSIS packages across all environments.
* Expert in implementing **Error (event) handling, Audit logging, tracking and automating** these processes
* Experience in creating **INFORMATICA mappings/workflows** to extract data from heterogeneous data sources like **SQL/Oracle/Access/CSV and Flat File** sources
* Excellent verbal/written communication skills and strong analytical abilities, and can perform well both independently and as a team player.
* Ability to handle multiple tasks, Initiative and Adaptable. Self-motivated, organized team player with strong problem solving and total commitment to the organization goals.
* Excellent ability to quickly grasp and master new concepts and technologies.

# **EDUCATION**

* **Diploma of Engineering in Computer Engineering** with C.U.Shah Polytechnic, Surendranagar, Gujarat, India
* **Bachelor of Engineering** in **Computer Engineering** with Dharmsinh Desai University (DDU), Nadiad, Gujarat, India.

# **TECHNICAL SKILLS**

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| **Technologies known:** | SQL Server, SSIS, T-SQL, Informatica |
| **Tools Known:** | SQL Server Management Studio, Visual Studio and BIDS/SSDT, HP-ALM, HPQC, Microsoft Office Suite – Excel, Power Point, Word, Access |
| **Languages** | VB.net, VB Script, T-SQL, HTML, XML, C# |
| **Database Tools** | MS SQL Server 2014/2012/2008 R2 (SQL Server Management Studio), MS-Access, SQL Server Integration Services, SQL Server Data Tools and Business Intelligence & Development Studio. |
| **Job Functions:** | Requirement Analysis, Design, Coding, Testing, Documentation, Maintenance and Support |
| **Methodologies** | Logical and physical Database Design, UML, Database Design, Data Modeling, Data warehousing. |
| **Operating System:** | Windows - XP, 7, 8, 10, Windows Server 2008 |

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**PROFESSIONAL EXPERIENCE:**

**CareFirst BCBS, MD July 2016-Present**

**Role: T-SQL / SSIS Developer**

**CareFirst BCBS** is one of the leading Health care insurance providers in the market. The project is known as the CareFirst Primary Care Medical Home (PCMH) Program – is built on a new set of incentives to primary care physicians (PCPs) that reinforce the central role of the primary care physician in helping members to understand and manage their health risks as well as in guiding their care when they experience chronic disease.

**Responsibilities**

* Involved in **entire SDLC** starting from requirement gathering sessions, understanding the requirements, involved in discussing the solutions with solution architect, creating design document, coding, unit testing and production deployment.
* Created new database objects like Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and production Environment for SQL server.
* Extracted data using **SSIS packages (ETL)** from different server locations and data sources.
* Created ETL packages with different data sources and loaded the data into destination tables by performing complex transformations using SSIS packages.
* Developed SSIS packages for **migrating data** from staging area of SQL Server 2005 to SQL Server 2008R2 and SQL Server 2008 R2 to SSIS 2012.
* Install SQL Server Reporting Services (SSRS) and configure the reporting services configuration.
* Develop database objects like user-defined functions, user-defined procedures using T-SQL scripts.
* **Wrote complex T-SQL queries** and stored procedures to build specific logic.
* **Optimized the performance** of queries with modification in T-SQL queries, eliminated redundant and inconsistent data, established joins and created indexes wherever necessary.
* Used **SQL Profiler** for **tracing** and **debugging** of the **T-SQL** scripts & efficient report generation.
* Optimized **Stored Procedures** and **long runningqueries** using **indexing strategies** and **query-optimization techniques** eliminated redundant and inconsistent data, established **joins**.
* Created ad hoc queries to provide ad hoc reports based on available data as per the request received from business team.
* Build ad-hoc reports using SQL Server Reporting Services (SSRS).
* Wrote T SQL procedures to generate DML scripts that modified database objects dynamically based on user inputs.
* Followed **SQL best practices** in the code which I developed during the project.
* Created **SDS documents** for implementing the client specified requirements.
* **Communicated effectively with business users** to identify current reporting procedures and clarify program objectives.
* Scheduled reports for Daily, Weekly, Monthly reports on business needs using SQL Server Reporting services (SSRS).
* Used SQL Server Integration Services (SSIS) to implement the ETL operations that are required to build a data warehouse.
* Used SSIS to create ETL packages to extract, transform and load data to data warehouse databases. Created packages using Integration Services (SSIS) for extracting data from Flat Files, Excel files, CSV files and Oracles source to SQL Server.
* Implemented **Event Handlers** and **Error Handling** in SSIS packages
* **Deployed** the created SSIS packages in Development and Testing environments.
* Implemented the **Email feature** for sending notifications of SSIS jobs to the concerned people/Distribution List to notify about the execution & status of packages.
* Implemented and automated the **Audit tracking** to capture Number of records in each phase, captured the processing time for each step, implemented checkpoints to validate the Audit result
* Used the advanced tasks and components such as **Script Task, Lookup, Derived Columns, Condition Split, Union All, Copy Column, Data Conversion, Multicast, SCD, Data Profiler, Checksum** as per the business requirements
* Implemented transformations such as **Source Qualifier, Look-up, Joiner, Sorter, Router, Filter, Expression, Union, Merge and Update Strategy** during development of **INFORMATICA** mappings
* Considered **Performance tuning** related **best practices** while developing solutions using **SSIS packages and INFORMATICA workflows**

**Environment:** MS SQL Server 2016/2008R2, T-SQL, MS SQL Server Integration Services (SSIS), Informatica, SQL Server Reporting services (SSRS), T-SQL, ETL, SQL Profiler, Oracle, XML, Microsoft Office Suite

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**MetLife USA, NJ May 2015 to June 2016**

**Role: MS SQL Server / SSIS Developer**

**MetLife USA** is one of the leading insurance providers in the market. The application on which I was part of the team is listed as one of the 10 most critical applications within MetLife. It is the gold copy of Licensing and Registration information of the agents who brings the Insurance business for MetLife USA.

**Responsibilities**

* **Wrote complex T-SQL queries**, stored procedures and triggers to build specific logics.
* Implemented **Event Handlers and Error Handling** in SSIS packages which notify process results to various user communities.
* Managed SSRS reports version history using Team foundation server.
* Developed SSIS Packages for migrating data from Staging Area of SQL Server 2005 to SQL Server 2008.
* Performed ETL operations to support incremental, historical data loads and transformations using SSIS.
* Implemented the **Email feature** for sending notifications of SSIS jobs to the predefined distributed list to notify about the execution & status of packages.
* Designed and developed Drill down and Drill Through reports with Drop down menu option using SSRS.
* Deploying and scheduling Reports using SSRS to generate all daily, weekly, monthly and quarterly Reports including current status.
* Implemented the advanced features and tools such as **Script Task, Lookup, Derived Columns, Condition Split, Union All, Copy Column, Data Conversion** as per the business requirements.
* **Optimized the performance of queries** with modification in T-SQL queries, eliminated redundant and inconsistent data, established joins and created indexes wherever necessary.
* **Built Reports in SSRS** for errors generated in SSIS Packages.
* Designed, coded and implemented ad hoc reports using existing report models in SSRS
* Developed Reports Using SSRS on statistical data during migration of data.
* Created **analysis & design documents** for implementing the client specified requirements.
* Prepared **Help File Documentation.**
* Performed **monitoring of Production jobs** during releases to ensure smooth working of system.
* **Production Support** / Incident Management / Change Management
* **Knowledge sharing** with the team at Offshore.

**Environment:** Informatica, MS SQL Server 2008R2, T-SQL, MS SQL Server Integration Services (SSIS), MS SQL Server Reporting Service (SSRS), ETL, SQL Profiler, XML, Microsoft Office Suite

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# **Intelivita, India May 2010 to Apr 2013**

**Role: MS SQL Server / SSIS Developer**

**Responsibilities**

* Experience in **designing**, **testing**, **scheduling** and **running ETL** processes in **SSIS**. Using **SSIS** built high performance **data integrationsolutions**, **including extraction**, **transformation** and **load (ETL) packages** for **OLTP and Data Warehousing**.
* Successfully generated **SSIS** packages to upload data from different data sources such as **SQL server**, **Excel**, **MS Access**, **Oracle, CSV** and **flat file**. Hands on experience in using different transformations like **Lookup, Merge Join** using **SSIS**.
* Developed stored procedures for business logics using T-SQL
* Involved in scheduling, creating snapshots and subscriptions for the reports using SSRS 2008 R2.
* Created SQL Server Reports using SSRS 2008 and Dashboard report using PPS.
* Involved in daily loads (Full & Incremental) into Staging areas, troubleshooting process, issues and errors using SQL Server Integration Services (SSIS) 2008.
* Involved in complete SSIS life cycle in creating SSIS packages, building, deploying and executing the packages in both the environments (Development and Production).
* Used various Transformations in SSIS Dataflow, Control Flow using for loop Containers, and Fuzzy Lookups etc.
* Conducted and automated the ETL operations to Extract data from multiple data sources, transform inconsistent and missing data to consistent and reliable data, and finally load it into the Multi-dimensional data warehouse
* Modified the existing packages by using the advanced features and tools such as **Script Component**, **Script Task**, **Lookup**, **Derived Columns**, **Condition Split**, **Union All**, **Copy Column** etc.
* Designed and developed new **SSIS** packages with **Configurations and Log file settings**.
* Monitored flat file loads using **SSISpackages** and identified data issues.
* Implemented Event Handlers and Error Handling in **SSISpackages** and notified process results to various user communities. **Deployed** the created SSIS packages in Development and Testing environments.
* Rewrote **SQL queries** to upgrade **SQL Server** performance using **SQL Server 2008/2008 R2**. Created **Database**, **tables**, **views**, **indexes**, **stored procedures**, **triggers** and **constraints**.
* Wrote complex **T-SQLstored procedures**, **Functions** and **Triggers** to carry out various tasks. Used **SQLProfiler** for **tracing** and **debugging** of the **T-SQL** scripts & efficient report generation.
* Created User Defined Functions to encapsulate frequently and commonly used **business logic** making the system more modular, secured and extensible. Defined Check constraints, Business Rules, Indexes and Views.

**Environment:** Informatica, MS SQL Server 2008, T-SQL, MS SQL Server Integration Services (SSIS), ETL, XML, Microsoft Office Suite

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# **Prabhudhan, India May 2008 to April 2010**

# **Role: Business Data Analyst**

**Responsibilities**

* Worked with business team to identify the requirements, captured the **business requirements** in requirement documents
* **Reviewed the** Technical design documents sent my developers and sent them the feedback
* Prepared**the test cases** andperformed manual **testing** as well as peer to peer unit testing
* Captured the life cycle (progress) of all monthly releases in **HP-ALM**
* Implemented **SQL** scripts considering SQL **best practices** with optimized performance to validate data in SQL tables loaded as part of the requirements
* Created **validation scripts** and **automated the same using SSIS** which will validate the data automatically after each production scheduled run and it will generate the validation report in excel file
* Generated reports in excel files using the SSIS for business reviews
* Used SSIS features **Data Profiler** to profile/audit the SQL tables
* Prepared the presentations and explained the progress to the business team in weekly meetings
* Prepared **ETL mapping documentation**

**Environment:** MS SQL Server 2008, T-SQL, MS SQL Server Integration Services (SSIS), Microsoft Office Suite