## Yugandhara Patel

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### Summary

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| --- | --- |
| Previous |  |
| Preferred | SQL Server BI Developer |
| Location | Richmond, VA, US |
| Desired Work Settings | Remote or On-Site or Hybrid |
| Willing to Relocate | Yes |
| Work Authorization(s): | Authorized to work in the United States on a full-time basis. |
| Employment Type | Part-time Full-time Contract to Hire - W2 Contract - W2 |
| Total Experience | Unspecified |
| Education | Unspecified |
| Profile Source | Dice |
| Profile Downloaded | Monday, December 9, 2024 |

**Yugandhara Email:**

**BI/MS SQL Server/Power BI Developer**  **Phone:**

**PROFESSIONAL SUMMARY:**

* 8 years of strong experience in MS SQL Server with SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Management Studio (SSMS), and T – SQL.
* 6 years of experience in creating interactive reports, dashboards and data visualization that drive business insights using Power BI and Tableau visualization tools.
* Excellent in understanding Business Requirements, Functional Specifications and Technical Specifications.
* Experience in Performance Tuning, Query Optimization, and Database consistency checks using DBCC utilities.
* Experience in Azure Data Factory, Azure Database, Azure Storage, Azure Data Lake, and Involved in migration of SSIS package to Azure data factory using integration runtime.
* Extensively used tools like SQL Profiler, Index Tuning Wizard, and Database Engine Tuning Wizard for monitoring and tuning MS SQL Server performance.
* Knowledge of Data Warehousing methodologies and concepts, including star schemas, snowflakes, ETL processes, dimensional modeling and reporting tools.
* Well-versed in usage of SSIS Control Flow items (Execute package/SQL tasks, Script task, For each loop, Sequence containers etc.) and SSIS Data Flow items (Conditional Split, Data Conversion, Fuzzy lookup, Merge Join, Pivot etc.).
* Experience in creating Jobs, Alerts, SQL Mail Agent, and schedule SSIS Packages.
* Extensive experience in Business Intelligence in MS SQL Server Integration Services, and MS SQL Server Reporting Services.
* Experienced in designing high-level ETL architecture, creating, configuring, and fine-tuning ETL workflows designed in DTS for overall data transfer from the OLTP to OLAP using SSIS.
* Developed and deployed SSIS packages for ETL from OLTP and various sources to staging and staging to Data warehouse using Lookup, Fuzzy Lookup, Derived Columns, Condition Split, Term, Slowly Changing Dimension and more. Performed ETL mappings using SSIS.
* Good understanding of Normalization /De-normalization, Normal Forms, and database design methodology. Skilled in the design of logical and physical data modeling using Erwin data modeling tool.
* Highly proficient in using T-SQL for developing complex stored procedures, triggers, tables, user functions, user profiles, relational database models and data integrity, SQL joins and query writing.
* Having very good Experience in Unit Testing, Integration Testing and End-to-End Functionality Testing.
* Extensively used performance monitor/SQL profiler to solve dead locks/long-running queries.
* Knowledge of Database Installation, Configuration, Maintenance, Monitoring, Backup and Disaster Recovery procedure and Replication.
* Experience Configuring and maintaining Report Manager and Report Server for SSRS Deployed and Scheduled the Reports in Report Manager.
* Worked with Tabular reports, Matrix reports, Gauges & Chart reports, Parameterized reports, Sub reports, Ad-hoc reports, and drill-down reports using SQL Server Reporting Services (SSRS).
* Experience and knowledge of version control tools like TFS and GitHub.
* Experience and Familiarity with healthcare industry standards and rules HIPAA related to privacy and security.
* Familiar and good experience in the semantic layer data structure.
* Experience in designing multiple scorecards and utilising Power BI (Power Pivot/View dashboards to display information required by upper-level management.
* Knowledge of dashboards, multiple chart types, and KPIs with Power View for analyses.
* Knowledge and experience of Power BI data visualization utilizing cross tabs, maps, scatter plots, pie, bar and density charts.
* Experience in Tableau reports, Implementation, Architecture design and dashboards.
* Strong Experience in Power BI and data mining, cleaning and analyzing the data and creating visualization reports with the help of the DAX function.
* Experience on Power BI desktop, power query, and power pivot, power view to create visualization reports.
* Experience in Tableau to Analyse data and create reports as per business requirements.
* Experience in Tableau to create data visualization reports and dashboards, also worked on data mining, data cleaning and Data analyzing processes.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | Windows 2008, 2003, Advanced Server, Windows 95/98/2000 XP/Unix and Mac  OS X. |
| **Databases** | MS SQL Server7.0/2000/2005/2008/2012/2014, Access97/2000/2003 and  Oracle 11/10g/9i. |
| **SQL Server Tools** | Management Studio (SSMS), Business Intelligence Development Studio (BIDS), Enterprise Manager, Query Analyzer, Profiler, Performance Monitor and  Database Tuning Wizard. |
| **ETL Tools** | SSDT/BIDS-DTS, SQL Server Integration Services (SSIS) and Azure Data Factory. |
| **Data Modeling** | Flow Charts, Sequence Diagrams, Activity Diagrams, Use case diagrams, ER Diagrams, MS Visio, Rational Rose, Erwin 4.5/4.0/3.5, Dimensional Data Modeling, Data Modeling, FACT and Dimensions Table Modeling. |
| **Languages** | T-SQL, HTML, XML, C, C++, C# and Java, Python. |
| **Packages** | MS Office 2000/2003/2007. |
| **BI Tools** | SSIS, SSAS, SSRS, Crystal Reports, Business Objects, Data Analysis Expressions (DAX) MS Excel Power Pivot, MDX, SharePoint, Performance Point and Cognos, Power BI, Tableau. |
| **Source Control tool** | TFS, GitHub. |

**PROFESSIONAL EXPERIENCE:**

**Client: J. M. Smucker, Orrville Ohio September 2022 - Current**

**Role: Sr.BI/SQL Server/SSIS/Power BI Developer**

**RESPONSIBILITIES:**

* Gathered business requirements, definition and design of the data sourcing and data flow, and data quality analysis, working in conjunction with the data warehouse architect on the development of logical data models.
* Performed T-SQL tuning and optimization of queries that take longer execution time using MS Server Profiler and Database Engine Tuning Advisor.
* Reverse-engineered backend database to change the T-SQL scripts, and create Views, Stored Procedures, Triggers and Functions to improve performance drastically.
* Developed User Interface using .NET and extensively worked with win forms using VB.Net and Implemented validation using validation controls and JavaScript client slide validation. Data format using HTML, CSS and client-side scripting using JavaScript.
* Used Visual Team Foundation Server for version control, source control and reporting
* Performed Data Modelling to know about the relationships between entities in a database.
* Designed and developed SSIS packages to move data from the production environment to different environments within the organization.
* Designed and implemented complex SSIS package to migrate data from multiple data sources for data analyzing, deploying and dynamic configuring of SSIS packages.
* Designed high-level ETL (Extraction Transformation Loading) architecture for overall data transfer from the OLTP to OLAP with the help of SSIS.
* Extensively used SSIS for transferring data manually from DTS packages to SSIS packages using SSIS.
* Developed and maintained a combined data store for reporting purposes.
* Worked with Tabular reports, Matrix reports, Gauges & Chart reports, Parameterized reports, Sub reports, Reports, Ad-hoc reports, drill-down reports as well as interactive reports according to business requirements.
* Participated in reviews of issues related to SSRS reports and worked on troubleshooting those issues, fixing, testing and deploying them. Tested the reports and fixed bugs in the stored procedures.
* Strong experience in Power BI Analyzes, maps and data and creating reports and dashboards as per business requirements.
* Used various sources to pull data into Power BI such as SQL Server, SAP BW, Oracle, and SQL Azure.
* Utilized Power BI (Power Pivot/View) to design multiple scorecards and dashboards to display information required by different departments and upper-level management.
* Formatted dashboards, multiple chart types, trends, and KPIs with Power View to support analyses.
* Developed custom reports and deployed them on the server using Power BI.
* Designed Power BI data visualization utilizing cross tabs, maps, scatter plots, pie, bar and Density charts.

**Project Environment**: Microsoft SQL Server 2014, 2017, 2019 SQL Server Azure, Visual Studio 2017, T-SQL, SQL Server Integration Services, SQL Server Reporting Services, Business Intelligence Development Studio (BIDS), Share Point, Experian SQL server profiler, (TFS) Team Foundation Server and Power BI.

**Client: Abbott Point of Care, Princeton NJ May 2020 – June 2022**

**Role: Sr.SQL Server/SSIS/SSRS/Power BI Developer**

**RESPONSIBILITIES:**

* Designed and developed SSIS (ETL) packages to validate, extract, transform and load data from the OLTP system to the Data Warehouse.
* Designed and developed MS Access front end to support SQL Server backend.
* Applied various data transformations like Slowly Changing Dimension, Aggregate, Sort, Multicasting, Conditional Split, Derived column, Data conversion etc. in SSIS for Data cleansing/ scrubbing.
* Design and implement a migration of SSIS packages into Azure data factory using Azure-SSIS integration runtime.
* Created and developed ETL pipeline utilizing Azure Data Factory, improving data availability.
* Worked with business stakeholders, application developers, production teams and across functional units to identify business needs and discuss solution options.
* Updated functional specification and technical design documents (stored on SharePoint).
* Developed complex T-SQL code such as Stored Procedures, functions, triggers, Indexes and views for the application Access, Used Joins, correlated and non-correlated sub-queries for complex business queries involving multiple tables & calculations from different databases.
* Responsible for the implementation of data viewers, SSIS Logging, and error configurations for error handling the packages.
* Business Intelligence package design. Created tables and performed data imports and restores for successful migration.
* Developed Unit Test Plans for SSIS packages to check the functionality of each component.
* Modified the existing SSIS packages to meet the changes specified by the users/Requirement.
* Created SSIS package to load data from Flat/Excel Files to SQL Server 2008 R2/SQL Server 2012 by using Lookup, Fuzzy Lookup, Derived Columns, Condition Split, Term Extraction, Aggregate, Pivot Transformation, and Slowly Changing Dimension.
* Scheduled Jobs for executing the stored SSIS packages which were developed to update the
* database on a daily basis using SQL Server Agent.
* Scripting development and troubleshooting for various security syncing scripts to new databases as well as creation of database roles for granting Stored Procedure rights.
* Created logical and physical data models using Erwin for new requirements after discussion with the technical team and application users as per agile methodology.
* Deployed and scheduled reports using SSRS to generate all daily, weekly, monthly and quarterly reports including status.
* Experience in generating reports and deploying it to the server using SSRS (SQL Server Reporting Services).
* Developed and rendered monthly, weekly and Daily reports as per the requirement and gave roles, and user access with respect to security in the report manager.
* Created simple query filters, prompted filters and complex filters to restrict data in SSRS reports.
* Participated in the business requirement review discussions to understand the project scope.
* Develop methodologies, and system documentation as needed including user guides, flow charts, etc.
* Involve in Database activities like Database Design and Data Modeling, Backup/Restore, Performance Monitoring, Tuning and Troubleshooting.
* Extensively used Profiler to identify and repair database lockups, deadlocks, and other issues.
* Familiar and good experience with the semantic layer data structure.
* Strong Experience in Power BI and data mining, cleaning and analyzing the data and creating visualization reports with the help of the DAX function.
* Create and maintain Power BI reports and dashboards to provide insight and visualization for business users.
* Utilized Power Query in Power BI to Pivot and Un-pivot the data model for data cleansing and data massaging.
* Implemented several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Utilized Power BI gateway to keep dashboards and reports up to date with on-premise data sources.

**Project Environment**: Microsoft SQL Server 2014, 2017, 2019 SQL Server Azure, Visual Studio 2017, T-SQL, SQL Server Integration Services, SQL Server Reporting Services, Business Intelligence Development Studio (BIDS), Share Point, Experian SQL server profiler, Team Foundation Server, Azure Data Factory.

**Client: Penn National Insurance, Harrisburg, PA August 2018– April 2020**

**Role: SQL Server/SSIS/SSRS/Power BI Developer**

**RESPONSIBILITIES:**

* Involved in Technical discussions and decisions for Business requirements, Interaction with Business Analysts, Client team and Development team.
* Experienced in the database design process and data modeling process.
* Analyzed the Data quality, Data validating, and Data Mapping to migrate data to the SQL Server database.
* Designed SQL Server Database and Table Design with Schemas, Constraints and Views.
* Extracted data from various sources like DB2, VSAM, SQL Server 2014/2012/2008 R2, CSV, Microsoft Excel and Text files from Client servers.
* Analyzed business requirements and implemented data mart solutions for data mining and Reporting.
* Created SSIS packages which involved a variety of transformations such as Slowly Changing Dimension, look up, Aggregate, Derived Column, Conditional Split, Multicast, Union All, Merge, Merge Join, and Data Conversion before loading the data into the Data Warehouse.
* Developed, Code Reviewed, fixed bugs, tested and deployed SSIS packages using SQL Server2014/2012/2008 R2 Business Intelligence Development Studio.
* Gathered Report Requirements and designed Reports, Matrix, Table Reports with Drilldowns, Map Reports, Dashboards, Gauge and Subscription reports in SSRS.
* Developed reports with consistent drill-down functionality including Drilldown report and Summary report.
* Strong knowledge of Data Warehousing methodologies, concepts and implementation of star Schemas, snowflake schemas, facts & dimensions.
* Ensured constraints and wrote triggers/linked server scripts to apply the business rules. Performance Tuning, Backing Up & Restoring User Databases.
* Developed and optimized database structures, stored procedures, Dynamic Management views, DDL triggers and user-defined functions.
* Strong Experience in Power BI and data mining, cleaning and analyzing the data and creating visualization reports with the help of the DAX function.
* Utilized Power BI gateway to keep dashboards and reports up to date with on-premise data sources.
* Experience in utilizing Power BI (Power Pivot/View) to design multiple scorecards and dashboards to display information required by different departments and upper-level management.
* Strong Experience in Power BI and data mining, cleaning and analyzing the data and creating visualization reports with the help of the DAX function.

**Project Environment**: MS SQL Server 2014/2012/2008 R2, SSIS, SSRS, SSAS, SSMS, Visual Studio 2010, Import /Export tools, Power Designer tool, Power Designer Portal, T-SQL, Windows 2003 Server, GitHub, JIRA.

**Client: Equinox, Pune India March 2015 – July 2018**

**Role: Jr. SQL Server/Tableau Developer**

**RESPONSIBILITIES:**

* Participated in the business requirement review discussions to understand the project scope.
* Involved in mapping out strategies for programs to support new and revised business requirements.
* Worked with application developers and production teams across functional units to identify business needs and discuss solution options.
* Develop methodologies, and system documentation as needed including user guides and flow charts.
* Logically and physically designed database for projects on the basis of user requirements using ERWIN.
* Involved in the Data modeling and physical and Logical Design of the Database.
* Creation, manipulation and supporting the SQL Server databases.
* Used DDL and DML for writing triggers, stored procedures and data manipulation.
* Created tables, indexes, sequences, constraints, triggers and procedures.
* Involved in designing queries and store procedures, UDF and views in SQL Server management studio.
* Used Joins, correlated and non-correlated sub-queries for complex business queries involving multiple tables & calculations from different databases.
* Developed and optimized database structures, Stored Procedures, Indexes, Views, Triggers (DDL & DML), Cursors and User Defined Functions (UDF).
* Write T-SQL statements for retrieval of data and involved in performance tuning of TSQL queries.
* Created documentation on all the tables, stored procedures, views and user-defined functions.
* Transformed data from various data sources using OLE DB connection by creating various SSIS packages.
* Created SSIS Packages for the feed process to generate underlying data for the reports and to export cleaned data from Excel Spreadsheets, Text files, MS Access and CSV files to the data warehouse.
* Created complex queries to automate the data profiling process needed to define the structure of the pre-staging and staging area.
* Performed transformations like Conditional Split and sorting and included data about the environment using the Audit Transformation.
* Perform weekly database checkups, shrink the database according to instructions, and document weekly database activities.
* Generated Assessment Reports to analyze the Scope and Complexity of the migration projects.
* Experience in generating reports and deploying it to the server using SSRS (SQL Server Reporting Services).
* Developed and rendered monthly, weekly and Daily reports as per the requirement and gave roles and user access with respect to security using report manager in SSRS.
* Created simple query filters, prompted filters and complex filters to restrict data in reports.
* Assisted senior developers in creating project plans and progress reports.
* Involved in Normalization and De-Normalization of existing tables for faster query retrieval.
* Experience in Tableau to Analyse data and create reports as per business requirements.
* Experience on Tableau to create data visualization reports and dashboards, then data mining

And data cleaning.

**Project Environment:** MS SQL Server 2008 R2/ MS SQL Server 2012, MS Visio, Visual Studio 2010 SP1, SSRS 2008, SSIS 2008, T-SQL, VB Script, MS Access, Query Analyzer, BCP, SQL Profiler, Source Control System (TFS, VSTF), Windows 7, XML, C#.

**ACADEMIC CREDENTIALS:**

**Bachelor of Engineering, North Maharashtra University, India   (CGPA - 7.92)**