**Vikram Pandala**

**Sr. SQL BI Developer**

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* Over 7 Years of IT Industry experience as a SQL/BI (SSIS/SSRS/SSAS) Developer and Analyst.
* Experience in design, development, implementation and administration of database systems using SQL Server 2012/2008r2/2008/2005 for both OLTP & Data Warehousing Systems applications.
* Very good knowledge and real time working experience in:
* Logical & Physical **Data modeling(Relational)**
* Strong hold in **Database** and **Data warehousing concepts,** Multidimensional Analysis.
* Expert in Physical database design techniques like **Normalization** and **De-Normalization**.
* Used different kinds of database Constraints **(Primary Keys, Foreign Keys, Defaults, Check, and Unique).**
* Highly proficient in **T-SQL** for developing complex **stored procedures, triggers, tables, views, user defined function, SQL Joins**, Relational Database models and Data Integrity.
* Experience in **Query optimization and Performance tuning** using performance tools like SQL profiler, Index tuning wizard and Database tuning adviser.
* Extensive­­ experience in designing, developing, and delivering business intelligence solutions using SQL Server Integration Services (**SSIS**), Reporting Services (**SSRS**) and, Analysis Services (**SSAS**) 2012/2008R2/2008/2005.
* Experienced in creating complex SSIS packages, using various transformation package parameters and variables. Import export wizard and bulk insert.
* Expert in creating configuration files, error handling, logging, deploying, and execution of SSIS packages in various environments like development, testing and production.
* Developed Cubes using different types of **storage modes** like Multidimensional OLAP (**MOLAP**), Relational OLAP (**ROLAP**) and Hybrid OLAP (**HOLAP**).
* Extensively worked on **SQL Server Profiler**, **Analysis Services** and **Integration Services**.
* Experienced in creating reports using SQL Server Reporting Services, sourcing OLAP cubes and data warehouse, data marts, as well as transactional systems.
* Strong expertise in Data modelling using ER-Win 9/8, MS-Visio, with good understanding of Relational Database Management System(RDBMS)
* Extensive experience in designing and developing rich user experience reports using **Matrix**, **Tabular**, **Drill down/up**, **Drill through, Charts,**and **Sub Reports** features using Business Intelligence Development Studio (BIDS) and SQL Server Data Tools.
* Knowledge in working with all **Collections** in reports like **Fields, User, Parameters, Variables** and **Report Items.**
* Conversant with all phases of Software Development Life Cycle (SDLC) especially agile, scrum, involving business process analysis, requirement gathering and analysis, detailed design, development testing, and post implementation support.
* Organized professional with excellent oral and written communication skills, excellent presentation, interpersonal skills, problem solving skills, ability to work in a fast-paced environment, fast learner with ability to take new roles in minimum time and little training.

**TECHNICAL SKILLS**

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| **Functional Areas** | Healthcare/Pharma, Insurance, Investment Banking, Auditing and IT Consulting. |
| **Roles and Responsibilities** | T-SQL, SQL/BI (SSIS/SSAS/SSRS)Developer |
| **Platforms** | Windows NT/2002/2007/2012, LINUX, UNIX |
| **Databases** | Oracle 9i/10g, SQL Server 2005/2008/2008r2/2012 |
| **Programming Languages** | C, T-SQL, SQL, HTML, MDX. |
| **Development/Productivity Tools** | Microsoft Management Studio, Business Intelligent Tools (SSIS,SSRS,SSAS 2012/2008R2/2008/2005), Visual Studio 2010, 2008, SQL Server Profiler, SQL Server Query Analyzer, BCP. |
| **Application Packages** | MS Word, MS EXCEL, MS Outlook Express, Power Pivot, Power View. |

**PROFESSIONAL EXPERIENCE**

**Express Scripts, Franklin Lakes, NJ Apr 2014 – Present**

**Sr. BI Developer**

Express Scripts is among the Fortune 100 Companies of 2013 and is the largest [pharmacy benefit management](http://en.wikipedia.org/wiki/Pharmacy_benefit_management) (PBM) organization in the United States. The company processes pharmaceutical claims for members through a network of retail pharmacies. The project was to extract data from various servers and load the data on an OLAP system. Created reports and BI cubes of the medical claim processing performance in order to track the business progress of the insurance provider division.

**Responsibilities:**

* Implementation of business process through the creation of Stored Procedures, Functions, Triggers and Views.
* Modified the existing stored procedures, created indexes for implementing best techniques to improve the performance of the query.
* Used**SQL Server Analysis Services 2012**for creating Dimensions using **Attributes, defining Hierarchies, Levels, Measures**and **Measure Groups. Developed and deployed OLAP cubes, Facts and Dimension tables.**
* Prepared custom reports using**SQL Server Reporting Services 2012,**
* Created **graphical representation of data** in reports by using **graphs** (such as Bar, Column, Pie) for quick data analysis and trending using SSRS.
* Designed and developed multiple **drilled down** and **drill through reports** to integrate summary and detail data alongside using SSRS Report Designer.
* Formatted the reports using the **Global variables** and **expressions.**
* Created Filtered reports using **report parameters** and**cascadingparameters**.
* Scheduled the **monthly/weekly/daily reports to run automatically**.
* SQL query optimization in **SSRS** by designing required indexes after analysis using SQL profiler and examining execution plans in SQL server Management studio.
* Created the SSIS Packages using **SQL Server Integration Services2012**for loading the data from the source to staging databases and processing the cube.
* Designed Complex **SSIS packages** to load the data from different sources like OLEDB, EXCEL, FLAT Files, RAW Files and DB2 etc., into various Data warehousing system.
* Extensively worked on **ETL** methodology for supporting data extraction, transformation and loading mechanism.
* Implemented the slowly changing dimensions (**SCD**) type 1 and type 2 to maintain current information and history information in the dimension tables.
* Expertise in Using different Transformations like Lookups, Derived Column, Merge Join, Fuzzy Lookup, For Loop, For Each Loop, Conditional Split, Union all, Script component and etc.
* Designed BI portals in **SharePoint 2010** to host report and performance point service dashboards and score cards.
* Used TFS for version control and configuration management.

**Environment:** SQL Server 2012, SQL Server Analysis Services (SSAS) 2012, SQL Server Integration Services (SSIS) 2012, SQL Server Reporting Services (SSRS) 2012, Visual Studio 2010, Windows Server 2012, Microsoft TFS, Power View, SharePoint, MS Office, MS Access, T-SQL, SQL Profiler.

**KPMG, Montville, NJNov 2012 –Mar 2014**

**T-SQL/BI Developer**

KPMG is a global network of firms providing professional services.  As part of the ERP Advisory services, KPMG provides advisory services to clients with a focus on Enterprise Integration, Business Intelligence and Governance, Risk and Compliance solutions. The aim of the project was to design and develop Data Warehouse and migrate the data from different sources into the database using SSIS and generating various simple, dynamic reports using SSRS. Also designed and built data marts and cubes with SSAS for fast target data retrieval.

**Responsibilities:**

* Writing Stored Procedures, Functions, and Triggers according to the business requirements.
* Created various database objects like **Tables, Indexes, Views,** and **SQL Joins**
* Designing and building of business reports using **SQL Server Reporting Services2012.**
* Creating Complex **ad-hoc** Reports, **Sub Reports**, **Linked** Reports , Charts, **Drill through,** and Drill Down Reports
* Designed large number of reports using table filters, single value parameters, multi value parameters, dependent parameters and **Cascading** Parameters.
* Involved in the extraction of data from different sources **like OLTP server, flat files, excel and legacy databases.**
* Design and develop SSIS packages with required transformations to load the data into warehouse server for analysis and reporting.
* Used **SSIS 2012** to create **ETL packages** to validate, extract, transform and load data to data warehouse databases, data mart databases.
* Implemented the **slowly changing dimensions (SCD) type 1 and type 2** to maintain current information and history information in the dimension tables as update strategies.
* Involved in analysis of data marts to understand feasibility and complexity.
* Created complex **SSAS cubes** with multiple fact measures groups, and multiple dimension hierarchies based on the **OLAP** reporting needs.
* Defined **Key Performance Indicators** (KPIs) in accordance with the requirements using **SSAS 2012**.
* Created **partitions**, **calculated members** for fact tables and cubes.
* Used Multi Dimension Expressions **(MDX) queries** for calculated members of a cube using SSAS 2012.
* Worked on SharePoint portals to share documents (check in/checkout) Process.

**Environment:** SQL Server 2012, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), Business Intelligence Development Studio (BIDS), MS Excel, Windows XP.

**Jefferies, Jersey city, NJOct 2011 –Sep 2012**

**Role: SQL BI Developer**

Jefferies LLC is an American global [investment bank](http://en.wikipedia.org/wiki/Investment_bank) and institutional securities firm. The firm provides clients with [capital markets](http://en.wikipedia.org/wiki/Capital_markets) and [financial advisory](http://en.wikipedia.org/wiki/Derivative_(finance)) services, institutional brokerage, securities research, and [asset management](http://en.wikipedia.org/wiki/Asset_management). The goal of the project was to determine the reasonability of the fees paid by the company to investment fund manager by performing trend analysis and comparative evaluation of the nature and the quality of services.

**Responsibilities:**

* Designed physical and logical database structures/diagrams.
* Used **SQL Profiler** to estimate the **Slow Running** queries and **performance tuning** purpose.
* Wrote different complex **SQL** queries including **inner**, **outer join and update queries**.
* Created database objects like Tables, User Defined Functions, Triggers, **Procedures**, Indexes and Views as per the team’s request through team tracks.
* Involved in supporting **database & BI** (ETL, Analytics, and Reporting) **activities** for various applications and teams across all business units.
* Designing, processing and deploying Cubes from the different fact and dimension tables based on the business requirement using SSAS.
* Developed reports from these **OLAP** cubes using SSRS.
* Used **Analysis Services (SSAS)** processing task to update with the current data.
* Involved in dimensional modeling by Identifying the **fact** and **dimension** tables based on the user & reporting requirements.
* Created Monthly portfolio reports using **SQL Server Reporting Services** (SSRS).
* Created Tabular, Matrix, and Drill down reports for different levels of risk officers and sectors.
* Written queries for the matrix and drilldown reports.
* Involved in Creating Complex **ad-hoc** Reports, **Sub Reports**, **Linked** Reports , Charts, **Drill through** , and **Report Models** Drill Down Reports
* Designed large number of reports using table filters, single value parameters, multi value parameters, dependent parameters and **Cascading** Parameters using SSRS.
* Queried against Heterogeneous Data Sources like **SQL Server, Oracle,** to retrieve records for data loads using **SSIS 2008R2.**
* Used different Control Flow Tasks and Data flow Task for Creating SSIS Packages. Used different types of Transformations for Data Conversion, Sorting and cleaning the data from different Sources into Company Format.
* Experience in working with **SSAS** in creating cubes, data source views, **namedqueries**, dimensions and deploying of analysis services projects

**Environment:** MS SQL Server 2008r2, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Business Intelligence Development Studio (BIDS), MS Excel, Windows XP, SQL Server Management Studio (SSMS).

**Sonata Software, IndiaApr 2009 –Aug 2011**

**Role: SQL BI Developer**

Sonata Software Limited is an IT consulting and software services company. Serves Software Product Companies, and enterprises in various industries. Its service lines include Business Intelligence and Analytics, ADM, Mobility, Cloud, Social Media, Testing, Enterprise Services. The main aim of the project was to create enterprise data warehouse in SQL Server and implement packages to extract data from OLTP systems to staging database and loading into Enterprise data warehouse. In addition I created reports according to users.

**Responsibilities:**

* Involved in the physical design of logical schema models like star and snowflake schemas
* Involved in the OLTP database analysis during the data warehouse modelling using ERWIN
* Designed and created Databases, Indexes, Views, Stored Procedures, and Data Integrity.
* Created **reports using SSRS** from various sources like SQL Server 2008 and Cubes from Analysis Services.
* Fixed issues in the existing reports and exported reports in multiple formats based on the business requirements.
* Involved in documentation of the Reports, Tables, **Stored Procedures** and User Defined Functions that were used in the reports.
* SQL query optimization in **SSRS** by designing required indexes/partitions after analysis using SQL profiler and examining execution plans in SQL server Management studio.
* Design, deployment, and maintenance of variou**s SSRS** Reports in SQL Server 2008.
* Designed reports using **SSRS** and Excel Pivot table based on **OLAP cubes** which make use of multiple value selection in parameters pick list, cascading prompts, matrix dynamics.
* Built **Drill Down**, **Drill through**, **linked and subreports** using **SSRS 2008**.
* Designed Complex SSIS ETL packages to load the data from different sources like OLEDB, EXCEL, FLAT Files, RAW Files and DB2 etc. into various Data warehousing system.
* Scheduled SSIS packages with **SQL Server Agent.**

**Environment:**SQL Server 2008, T-SQL, Windows XP/2003, Visual Studio 2008, Oracle, SQL Server Integration services , SQL Server Reporting services, SQL Server Analysis Services, Visio, Microsoft-Office 2003/2007, MS-Excel 2003/2007, Team Foundation Server 2005.

**Finlogic Technologies, India Jun 2007 – Mar 2009**

**Role:SQL Server developer**

Finlogic Technologies provide quality technology solutions to businesses in a wide range of domains. Develops software applications to support the growing financial services distribution business and manage the IT infrastructure.

**Responsibilities:**

* Involved in requirements gathering, analysis, design, and development.
* Written various stored procedures for the purpose of application development.
* Performed Index analysis for tables and came up with more efficient solutions to use **Clustered** and **Non-Clustered Indexes** for significant performance boost using index tuning wizard.
* **Data conversion** from Text File into SQL Server Table.
* Created **constraints and validated database integrity.**
* Created **DTS** package to export and import data from SQL Server to Access, text and EXCEL files.
* Created **reports** for the senior management.
* Tested successfully all **stored procedures** on SQL 2005 server
* Extensively worked on **ETL** methodology for supporting data extraction, transformation and loading mechanism.
* Involved in performance tuning of complex queries.
* Responsible for performance tuning of SQL queries creating indexes, partitioned tables to improve overall performance of the system.
* Responsible for designing, developing and testing of the ETL (Extract, Transformation and Load) strategy to populate the data from various source systems (Flat files, SQL server and Oracle) feeds using SQL.

**Environment:** SQL Server 2005, T-SQL, SQL Server 2005Reporting Service, Windows 2002 Server, Enterprise Manager, Query Analyzer, SQL Profiler.