**Shirisha Kalvacherla**

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**PROFESSIONAL SUMMARY**

* 10+ years of experience in developing BI applications utilizing Microsoft BI (SSIS, SSAS - Tabular Model) and Power BI.
* Good knowledge of Normalization/De-normalization, data design methodology and building Referential Integrity.
* Experience in writing SQL queries and optimizing the queries in Sybase, Oracle and SQL Server.
* Highly proficient in creating database objects like tables, indexes, views, user defined functions, stored procedures, triggers, cursors, data integrity and constraints.
* Excellent experience in writing SQL queries to validate data movement between different layers in data warehouse environment.
* Good understanding in Database and Data warehousing concepts (OLTP & OLAP).
* Highly skilled in configuring and creating SSIS solutions for ETL and Business Intelligence Process for Data Integration and Migration services and managing Event Handlers, Package Configurations, Logging, System and User-defined Variables for SSIS Packages.
* Experienced in SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), Data Transformation Services (DTS) and SQL Server Analysis Services (SSAS).
* Extensive experience in Data Extraction, Transformation and Loading (ETL) using DTS package in MS SQL Server SQL, T-SQL, tools like SSIS, Data Transformation Services (DTS), Bulk Insert, BCP.
* Experience in developing data base objects - tables, views, stored procedures, functions and SQL Server Integration Services packages for data ingestion and orchestration.
* Experience in automating data ingestion and orchestration operations using SQL Server Agent.
* Developed low and high fidelity wireframes for reports and dashboards after gathering and translating End-User Requirements.
* Extracting data from various data sources into Power BI desktop and transforming the data in Power Query Editor and to generate Reports and Dashboards.
* Experience in working with Direct & Import Query modes in Power BI while creating reports.
* Developed Power BI Reports, Custom Visuals, Group Creation and Effective Dashboards after gathering and translating End-User Requirements.
* Experience in refreshing Dashboards and Datasets using Gateways. Good knowledge on Power BI licenses Power BI Pro and Power BI Premium.
* Experience in implementing data security in Power BI using Dynamic Row Level Security (RLS) implementation.
* Creating Workspaces, Apps, Users and Groups, assigning the permissions to End-Users using RBAC and scheduling the reports in Power BI Services.
* Trouble shooting performance issues of reports using Performance Analyzer and DAX studio.
* Knowledge of Data Warehousing methodologies, concepts and implementation of star schema, snowflake schema, fact & dimension tables. Experience in handling end to end operations of BDLC (BI Development Life Cycle) and RDLC (Report Development Life Cycle).

TECHNICAL SKILLS

|  |  |
| --- | --- |
| DBMS | MS SQL Server 2012/2016,Oracle |
| IDEs | SQL Server Management Studio (SSMS), SQL Server Data tools (SSDT) |
| Languages | T-SQL, PL/SQL, DAX & M-Language |
| ETL Tools | SSIS (SQL Server Integration Services) |
| Reporting Tools | SQL Server Reporting Services, SSAS,Power Pivot & Power BI |

**Professional Experience:**

# **Project Oct 2020-Till date**

**Client: Bottomline Technologies (Portsmouth, NH, USA)**

**Role: Power BI and SQL Server Developer**

**Team Size: 5**

**Environment: Power BI, SQL Server 2016 and MS Excel, T-SQL**

**Project Description:**

This project is a web application. The main aim of “Online and Offline” is to improve the services of customers and vendors. It maintains the details of customer payments, product receipts, addition of new customers, products and updating, deletion for the same. It also stores the details of invoices generated by customer and payments made by them with all payments detail like credit cards. The primary features of the project entitled “Consumer Marketing” are high accuracy, design flexibility and easy availability and it uses database tables Representing entities and relationships between entities.

Roles & Responsibilities:

* Developed visual reports, KPI scorecards, and dashboards using Power BI desktop, Experience on Creating Power BI Reports from the Power BI Desktop.
* Extracting the data from various data sources into Power BI desktop and transforming the data in Power Query Editor, Experience in including analysis, Design, Development of Reports and Dashboards for analytics.
* Creating interactions of Highlight Action, Filter Action, add interactivity to the visualizations. Building the Relationship between tables by using Power Pivot.
* Developed analysis reports and visualization using DAX functions like Table function, aggregation function and Date and Time Intelligent functions.
* Publishing reports to Power BI Services and setting up the necessary connection details and Scheduling.
* Generating Power BI reports for different types of Payment Transfer (RTGS/NEFT/ACH/Wire).
* Data modeling, Creation, Report designing, Data investigation through Power BI.
* Trouble shooting, Performance Tuning of reports & resolving issues within Power BI and Creating Reports apply Visual Level, Page Level and Report Level Filters in Power BI.
* Created reports like Drill-Down, Drill-Through, Chart, Sub Reports Bar charts, Line charts, Pie charts using Power BI.
* Comfortable in working with Filters/ Calculated columns/ Measures/ Relationships and Transformations of Edit Query section.

# **Project Oct 2018 – Sep 2020**

**Client: CARDINAL HEALTH, USA.**

**Role: ETL Developer**

**Team Size: 5**

**Environment: SSMS, SQL Server 2019, SSIS, Visual Studio, T-SQL**

**Project Description:**

Cardinal Health, Inc. is a Fortune 500 health care services company based in Dublin, Ohio. The company specializes in distribution of pharmaceuticals and medical products, serving more than 100,000 locations. The company also manufactures medical and surgical products, including gloves, surgical apparel and fluid management products. In addition, it operates the nation’s largest network of radio pharmacies. Cardinal Health provides medical products to over 75 percent of hospitals in the United States.

Responsibilities:

* Experienced in Extracting, Transforming and Loading (ETL) data from Excel, Flat file, to MS SQL Server by using DTS and SSIS services.
* Experienced T-SQL Programming for implementing Stored Procedures and Functions and cursors, views for different tasks.
* Created packages in SSIS with error handling.
* Worked with different methods of logging in SSIS.
* Extensively designed the packages and data mapping using Control flow task, Sequence container task, Dataflow Task, Execute SQL Task, Data conversion task, Derived Column task and Script Task in SSIS Designer.
* Involved in daily loads (Full & Incremental) into Staging and ODS areas, troubleshooting process, issues and errors using SQL Server Integration Services (SSIS) 2008.
* Modify the existing reports by adding new logic and deleting existing logic as the line of Business changes periodically.
* Export reports in various formats like MS Excel, PDF, MS Word, Text and CSV.
* Worked with development teams in the design of physical databases and in modification.

# **Project Oct 2016 – Sep 2018**

**Client: Takeda Pharmaceuticals Company, USA.**

**Role: Power BI / SQL BI (SSIS, SSAS, SSRS) Developer**

**Team Size: 8**

**Environment**: Power BI, SSRS, SSIS, SSAS, Azure Data Factory and MS Excel, T-SQL

**Project Description**

Takeda Pharmaceutical Company Limited is a Japanese multinational pharmaceutical and biopharmaceutical company. It is the largest pharmaceutical company in Asia and one of the top 20 largest pharmaceutical companies in the world by revenue. The Reporting & Analytics Program for 8 work streams in Takeda enables global visibility, common data structures, aligned business processes and self-service reporting.

Responsibilities:

* Involved in writing scripts for the client's requirements for reporting purposes.
* Transformed the data using different SSIS transformations like T-SQL, Aggregate, split, join, merge, derived column, Multicast, term extraction and data conversion of SQL Server Integration Services (SSIS).
* Responsible for deploying/scheduling SSIS packages as per schedule.
* Generated Monthly, Yearly, Quarterly and daily reports in POWER BI.
* Interacted with the Business Admin and gather the requirements and analyzed them.
* Designed SSIS Packages to extract, transfer, load (ETL) existing data into T-SQL Server from different environments for the SSAS cubes.

# **Project June 2008 – Nov 2011**

**Client: AT & T, USA.**

**Role: Quality analyst and project support**

**Team Size: 10**

**Environment: AutoCAD, OptiNt**

**Project Description:**

AT & T is one of the telecom providers for Entire USA. This project has divided in four Different phases like, FIS, Work order Posting, Facility Data Cleanup and Migration. We worked on Data Clean up. In Data clean up client has developed web service called DMT, The error Facility ids will be generated and assigned to Vendors. The vendor has to clean the error using the Telecom knowledge. The Error may be Attributing or graphical. To fix the Graphical error Facility Id, client has developed customized software called Opti NT by support of AUTODESK Map.

**Roles & Responsibilities:**

* Design and development of telephone lines using CAD tool
* Involved in review of designed components and providing feedback to team on time.
* Involved in Quality assurance team to make sure delivery of high quality product.

**EDUCATION PROFILE**

B. Tech (Electronics and communications) 2007, J.N.T.U, Hyderabad