**Ashok R**

**Professional Summary**

Highly motivated business intelligence professional with experience in Database/DWH design, development and analysis. Demonstrated leadership abilities, team work skills as well as ability to accomplish tasks under minimal direction and supervision with various industries such as healthcare and financial.

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| **TECHNICAL KNOWLEDGE**   |  |  | | --- | --- | | * MS-SQLServer2012/2008R2/2008/Azure SQL * T-SQL Programming, Python, Dynamic SQL, MDX, DAX * Data Modeling: ER-win, MS Visio * BI Tools: **PowerBI**, Power Pivot, Tableau * Integration Services (**SSIS**) * Analysis Services (**SSAS**, OLAP Cubes) * Reporting Services (**SSRS**, Report Builder) * Development Tools: **SSDT**, **SSMS** | * SDLC: Agile, Scrum, Waterfall | |  |

**PROFESSIONAL EXPERIENCE**

**Hewlett Packard INC, Houston, TX JUN 2018-Present**

**BI- Developer**

**Responsibilities:**

* Build the Tableau dashboards based on the data received from SAS & WMS cubes.
* Gather data from different databases, data warehouses & cubes which we use inside the organization and visualize the data according to the Product Owner’s insights.
* Publish the dashboards and validate the data on weekly bases.
* Receive the updated data from SAS team, WMS and from SAT tool and validate the data and then publish to tableau server.
* Write SQL queries, procedures and triggers to pull the data from the databases and visualize it on tableau.
* Worked of SQL integration tool to pull the information from the database and transform the database according to the PO’s requirements.
* Build the dashboards using SAS tool and compare it with tableau dashboards to check the performance of both tools.
* Used several databases like WMS, SAS, SAT, Q-tools, Cloud9 and many other internal databases and data warehouses for organizations use.
* Used Amazon redshift to connect to tableau and use the data to build the dashboards and perform the analysis and validate the data.
* Also gathered social media data from sources like amazon, best buy, google and few other websites to understand the product quality and estimate the health of the laptops, desktops, Hard Drives, etc.
* Created dashboard on the customer call data and to track the frequency of the calls and do the service count based on the time frames and remove duplications.
* Created a dashboard from WIB to estimate the health of laptops, desktops, hard drives, monitors and all other HP products to give an estimated date on the failure.
* Track the performance life cycle of all HP products and the replacement products and maintain the most updated information of the product.
* Fix data issues and find the root cause by doing reverse engineering.
* Create and modify the database tables and make changes to the procedures and triggers upon requirement.
* Worked on DAAS tool for analysis service and to create dashboards from the results of this tool.

**Environment:** Tableau Desktop 10.5, Tableau server 10.5, SQL Server 2015, SAS, SAT Visor, DAAS, Amazon Redshift.

**Carolina Casualty, Jacksonville, FL JUL 2016- MAY 2018**

**SQL BI Developer**

**Industry: Insurance**

**Responsibilities:**

* Collaborated with stakeholder to support modifications and enhancements per business requirement.
* Designed various database objects, populating data, creating **procedures**, **views** and **functions** per the business requirement.
* Created and developed data metrics from different multi-dimensional data sources for reporting.
* Experienced in **Power** **BI** report generation using multiple data sources and custom mapping.
* Specialized in tailored solutions around **Power** **BI** and the Microsoft Business Intelligence stack.
* Extensive experience in Excel with advanced use of **formulas, macros, graphs, pivot tables/charts, dashboards/ scorecards and Power BI features.**
* Experience in Extracting data **from Excel, Flat file, MS Access, Oracle to SQL Server by using DTS/SSIS services.**
* Amplified data visualizations with interactive sharing, collaboration, and data management utilizing **Power BI.**
* Developed **SSIS** packages for File Transfer from one location to the other using FTP task.
* Experience with all phases of software development life cycle (SDLC) and project methodologies
* Created various **ETL** packages utilizing various tasks and transformations (such as execute package task, **SQL task, script task, OLE DB command, data conversion, script component, lookup, and fuzzy lookup.**
* Designed **SSIS** packages to include data flow transformations such as slowly changing dimensions (type 1 & 2), **look up, derived, column, fuzzy lookup, merge, union all, etc**.
* Analyzed SSIS- ETL packages, BCP, BULK INSERT, imported and exported data from different data sources.
* **PowerBI/SSRS** reports are used for creating Dashboards, drilldown reports, Scorecards.
* Customer claim related data brought from Azure cloud for getting the business Insight.
* Involved in gathering business requirement from business users and prepared BI technical specifications.
* Designed a **Power BI** report based on solutions by integrating the data from On-premises, Cloud, Source Files, Static data.
* Experience in integrating the **SSRS** reports into web applications using Report viewer control.
* Designed and developed different reports like **Matrix** and **Tabular** reports, **Cascaded**, **Parameterized**, and pie chart reports using **SSRS**.
* Created a custom Content Pack in **PowerBI** and **published it across to specific user groups / entire organization**
* Scheduling and monitoring the ETL packages for daily load in SQL Server job Agent.
* Implemented various transformations such as **derived column, conditional split, aggregate, row count, lookup, sort and data conversion to load data into DM**.
* Implemented checkpoint, logging, custom logging, and error handing utilizing event handlers and precedence constraints within **SSIS** packages.
* Transferred data between SQL Server and flat files utilizing BCP bulk utility and bulk insert
* Deployed and processed **SSIS** packages and **SSRS** reports weekly to update information (As per business logic) utilizing SQL Server agent and windows scheduler.
* **Created complex stored procedures** and user defined functions to embed in data profiling **SSIS** packages.
* Involved in designing different **analytical reports** with **slicers** and **dicers** enabling end-user to make filters utilizing **Power** **BI**.
* Formatted and extended **SSRS** reports with parameters within reports, multi-value parameters, expressions, and embedded functions.
* Maintenance and Scheduling of reports (Tabular reports, matrix reports) in **Power** **BI** and Tableau
* Created interactive dashboards in **Power** **BI** and **Tableau** with page level filters, contextual filters, and complex LODs
* Involved in analyzing complex stored procedures for data profiling, database backups, and handling the index fragmentations in **T-SQL**.

**Tools and Environment:** Erwin, SQL server 2012, SSMS, SSDT, TSQL, SSIS, SSAS (Tabular/Multidimensional), SSRS, Power BI, Tableau, Azure SQL.

**Concerto Health, Aliso Viejo, CA JUN 2015 – JUL 2016**

**MSBI Developer**

**Industry: HealthCare**

**Responsibilities:**

* Analyzed frequently executed queries and designed covering indexes to avoid bookmarks, keys, and RID lookups.
* Designed and optimized reports with modifications to embedded queries and/or stored procedures.
* Incorporated in creating on-demand and scheduled reports with **SSRS** for business analyses and managerial decisions.
* Utilized **SSRS** and Excel with **Power** **Pivots**; deployed reports in SharePoint integrated mode by designing reports.
* Embedded **PowerBI** Reports in Office tools using **PowerBI** Tiles based on REST API method.
* Currently working on POC for Realtime data analysis in **PowerBI** using Azure / Json / RESP API / IoT.
* Utilized **Power** **BI** to display information needs by upper management for creating multiple scorecards.
* Created and managed **Power** **BI** gateway to keep dashboards and reports up to-date with on premise data sources.
* Created user interactive dashboards, multiple charts types, trends, and KPIs utilizing **Power** **BI**.
* Utilized Azure cloud for migrating data from Microsoft **Azure** cloud platform to on-premises data servers
* Built Ad-Hoc **Power** **BI** reports depending on business requirements was one of the major responsibilities.
* Managed **PowerBI** **Portal** - Data refreshes / User management and set up **gateway data refresh.**
* Used **Power** **BI** tools like **Power** **BI** desktop, injecting on-premise and cloud data source, **DAX**, Embedded **Power** **BI**, Publishing Dashboards, **DAX** queries and integration with other office products.
* Deployed reports and **Power** **BI** dashboards on the reports/SharePoint server; scheduled deployments with subscriptions.
* Fetched data from Azure SQL environment as source in **Power** **BI** environment.
* Hands on experience working with **SSIS**, for ETL process ensuring proper implementation of **Event Handlers, Loggings, Checkpoints, Transactions and package configurations.**
* Experienced in Developing **Power** **BI** Reports and Dashboards from multiple data sources using Data Blending.
* Created **Power** **BI** Premium Reports to Integrating into VMS Project for 150 Users.
* Created report snapshots and caches to improve performance, deployment, scheduling of reports.
* Designed dashboards and scorecards with **power** **pivot** for analytical decisions.
* Generated reports with **SSRS** and Excel with Power Pivots; deployed reports in SharePoint integrated mode.

**Tools and Environment**: MS SQL server 2012/2008 R2, SSMS, TSQL, SSDT, BIDS, SSIS, SSAS, SSRS, BCP, Bulk Insert, PowerBI

**Jegan Research Associates, Hyderabad, India JAN 2014 – DEC 2014**

**SQL/ETL Developer**

**Responsibilities**:

* Extensively utilized**T-SQL** in constructing user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Implemented views utilizing **T-SQL** in development and production environment for **SQL** Server 2008 R2.
* Analyzed existing **OLTP** to locate and determine dimensions and facts for the **OLAP** database.
* Incorporated analyzing **T/SQL** scripts which produce tables and relationships based on defined ER-Diagram.
* Extensive knowledge on **SSAS** Tabular model.
* Experience in Designing, Creating, Deploying and Processing of Cubes using **SSAS**
* Adapted to defining referenced relationships and calculated members in **SSAS** and used **MDX/DMX** and **DAX** queries.
* Responsible for debugging and troubleshooting the web application.
* Expertise in designing complex reports like **Drill-Down** Reports, **Drill-Through** Reports and Parameterized Reports using **SQL** Server Reporting Services **(SSRS)** based on client requirement
* Experience in integrating the **SSRS** reports into web applications using Report viewer control.
* Designed and developed different reports like **Matrix and Tabular reports, Cascaded, Parameterized, and pie chart reports using SSRS.**
* Involved in analyzing **SQL** queries to fetch data utilizing stored procedures and CTE to combine datasets for multiple applications in **T-SQL**.
* Analyzed an ETL architecture for data migration from the OLTP to OLAP utilizing **SSIS**.
* Analyzed complex ETL Packages using **SSIS** to extract data from staging tables to partitioned tables with incremental load.
* Analyzed **SSIS** Packages for ETL process to load and transform data from flat files to the data warehouse.
* Published Tableau reports utilizing complex calculated fields, table calculations, filters, parameters.
* Formatted and extended **SSRS** reports with parameters within reports, multi-value parameters, expressions, and embedded functions.

**Tools and Environment**: SQL Server 2012, SSIS, SSAS, SSRS, T-SQL, MS Excel, MS Visio

**MTC LLC, Hyderabad, India JUN 2011- DEC 2013**

**SQL Developer**

**Responsibilities:**

* Created database objects such as Tables, Procedures, Functions, Indexes and Views utilizing **T-SQL**.
* Implemented **DML** scripts to perform modification tasks such as Insert, update and Delete data in database tables.
* Extensively implemented system as well as User-Defined functions to enhance the functionality of **T-SQL** code.
* Implemented Dynamic **SQL** for user customizable queries to be answered by the **SQL** Server.
* Created **T-SQL** scripts for ad hoc requests from Business Analysts and Management.
* Wrote stored procedures using dynamic **SQL** to populate data into temp tables from fact and dimensional tables for reporting purpose.
* Written and executed complex **T-SQL** queries using **SQL** Server Management Studio for back end data validation testing.
* Actively involved in gathering and analyzing requirements.
* Implemented indexes, constraints and rules on tables for optimization of queries.
* Used **SQL** Server Agent to create jobs, **SQL** Mail, Alerts and **SSIS** Packages schedule.
* Created DTS Packages for migration of data between SQL Server and other databases like MS Access, MS Excel and Flat files.

**Tools and Environment**: SQL Server 2012, SSIS, T-SQL, Excel, Access, Visio

**EDUCATION**

Bachelor’s in Computer Science Engineering

Kakatiya University, Warangal, India