**Eswari**

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**Sr.BI Developer**

* Having around 11+ years of IT experience as Microsoft SQL Server developer implementing SSIS and SSRS using Microsoft Business Intelligence development studio (**MSBI**), SQL Server data tools (**SSDT**), **Power BI,** and **Power Apps**.
* Proficient in **Microsoft BI Tools (SSIS/SSRS/SSAS)** and T-SQL using **SQL Server 2005/2008R2/2012/2014/2016.**
* Proficient in advanced features of **Oracle 11g for PL/SQL** programming like Using Records and Collections, Bulk Bind, Ref. Cursors, Nested tables and Dynamic SQL.
* Experience in Developing, Designing and Support interactive Tableau dashboards.
* Experienced in Developing **Power BI Reports** and Dashboards from multiple data sources using Data Blending.
* Experience in **T-SQL (DDL, DML and DCL),** Creating, developing new database objects by like Tables, Views, Indexes, Complex stored procedures, function (UDF), cursors, and triggers, locking issues, BCP, common table expressions (CTEs), Backups, Recovery and SQL Server Agent profiler using SQLSERVER 2000/2005/2008 R2/2012.
* Proficient Knowledge in dealing with RDBMS including **E/R Diagrams**, Normalization, Constraints, Joins, Keys and Data Import/Export.
* Experience in developing and debugging Stored Procedures and Triggers.
* Worked on administration tasks such as data loading, batch jobs, configuring IIS, data uploading, backup & recovery, **Database mirroring**, Log shipping, user and application table management, upgrades, creating database partitioning, databases/file groups/files/transaction logs.
* Used tools like **MS SQL** Profiler, Index Tuning Wizard, Pervasive and Windows performance for monitoring and tuning SQL Server performance.
* Documented Dynamics 365 Migration document. Perform ETL on cloud using the Azure Data Factory.
* Skilled in creating custom calculations and measures using DAX and M language in Power BI to derive insights and provide meaningful data visualizations.
* Generated Power BI Reports by identify Tables/Queries and their respective Columns which needed to be extracted to create Views in Dynamics 365 Business Central.
* Excellent hands-on Experience in **ETL (Extraction Transformation and Loading)** by extracting large volumes of data from various data sources using SSIS.
* Extensively worked on **WebFOCUS** 7.1.4/7.6.4/7.7.03
* Experience in integrating Microsoft SharePoint with JIRA.
* Experience on publishing Power BI reports of dashboards in Power BI server and scheduling the dataset to refresh for upcoming data in power BI server.
* Expert in developing web-reporting applications using **WebFOCUS** Scheduling the reports using Report Caster, deploying the reports on web pages using HTML hyperlinks, creating web-based tools using MRE tools.
* Experience developing Power Apps and Power Automate Flows and custom Power Apps and Power Automate Flows to automate business processes and streamline operations.
* Experience in using Row Transformations, Block and Unblock Transformations for Performance Tuning in SSIS packages.
* Experience in working with different types of Dirty Data from Different sources.
* Hands on experience working with Logging, Error handling using Event Handlers pre and post for **SSIS Packages.**
* Worked and mentored laned the team with various Power BI Models, DAX Functions and M language functions on Power BI and Power Query.
* Creating SSIS Packages for integrating data using OLE DB connection from sources (Excel, CSV, Oracle, flat file, Text Format Data) by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, merge and union.
* Experience in Data Warehouse concepts, OLTP, OLAP, Star Schema, Snowflake Schema, Fact and Dimension tables.
* Experience in working with Data Cleansing technique in ETL procedures.
* Skilled at building and deploying multi-valued parameterized reports using **Power BI, Tableau.**
* Worked with Microsoft **Power BI**, **Datazen,** DAX expressions, Power View and Power Query integrated with share point.
* Experience in developing OLAP Cubes by using **SQL Server Analysis Services (SSAS),** and defined data sources, data source views, Dimensions, Measures, Hierarchies, Attributes, Calculations using multi-dimensional expression (MDX), Perspectives and Roles.
* Created Paginated Reports using Power BI Report Builder.
* Excellent hands-on experience in creating groups and measures, KPIs.
* Experienced in building Tabular Model Cube from Scratch in Databases with different Measures and Dimensions.
* Experience working on Power Apps canvas apps & Power Automate Flows, customize share point list form with Power Apps and Model Driven Apps.
* Experience in performance tuning, processing and deploying cubes.
* Experience in cube partitioning for better database performance.
* Strong written and communication skills.

**TECHNICAL SKILL SET**

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| --- | --- |
| **RDBMS/DBMS:** | MS SQL Server 2016/2014/2012/2008R2/2008/2005/2000, MySQL, Oracle 11g/10g/9i/8i, and MS Access 2003/2000/97 |
| **Database Technologies/Tools:** | SQL Server Entreprise Manager, Microsoft Management Console, SQL, T-SQL, Data Transformation Services (DTS), OLTP, BCP, SSIS, OLAP. Microsoft Visio, ER Studio |
| **Databases:** | Azure SQL Database, Azure data warehouse, Azure Data azure data factory, Azure Data Synch, MS SQL Server 2008 R2, 2012, 2014,2016, MySQL and Oracle12c. |
| **Azure Cloud:** | Azure SQL Database, Azure Data Lake, Azure Data Factory (ADF), Azure SQL Data Warehouse, Azure Service Bus, Azure Analysis Service (AAS), Azure Blob Storage. Cache using Pipeline and SSIS, Data Migration Service (DMS), Azure SQL Data. |
| **Reporting Tools:** | Power BI, SQL Server Reporting Services, Crystal Reports, Excel, WebFOCUS 7.7.03 |
| **SDLC** | Agile, Waterfall and Scrum |
| **Operating Systems:** | Windows XP, 2000, NT, 98, 95, Windows 2003, Windows Vista, Windows 7 |
| **Programming Languages:** | T-SQL, PL/SQL, HTML, C#.Net, VB.Net, C++, Java, Java script, CSS, Python, Windows Scripts |
| **Design Technologies/Tools:** | Erwin, MS Visio, Rational Rose |
| **Data Warehouse / Business Intelligence Tools** | SQL Server Reporting Services (**SSRS**), SQL Server Integration Services **(SSIS**), Visual Studio 2016/2014/2013/2010/2008, Power Apps, **SSAS**, Business Intelligence Development Studio (**BIDS**) 2008, **MS Data Tools 2012 / Visual Studio Shell** |

**EDUCATION**

* MCA (Computer Application) - ANDHRA University - 2011
* B.Sc. Andhra University- 2007

# PRO J E C T E X P E R I E N C E

**Chevron- Houston, TX**

**Role: Microsoft Power BI & ETL Developer**

**Period: From 2023 Apr to Present**

Chevron manufactures and sells a range of high-quality refined products, including gasoline, diesel, marine and aviation fuels, premium base oil, finished lubricants, and fuel oil additives. We own five U.S. fuel refineries and have a network of Chevron® and Texaco® service stations.

**Responsibilities:**

* Extensively involved in **Development, Implementation** and Reporting in **MS SQL Server 2016/ 2014/2012/2008 R2/2008** with Business Intelligence in **SQL Server Integration Services (SSIS)**, **SQL Server Analysis Services (SSAS)** and **SQL Server Reporting Services (SSRS).**
* Proficient in **Creating, Configuring and Fine-tuning SSIS packages**, **SSRS reports** and **T-SQL** queries using tools like **SQL Profiler, Performance Monitor** and **Database Engine Tuning advisor**.
* Involved in Database Administration operations like **Backup, Recovery, Replication** and using **SQL Profiler** and excellent knowledge of **DDL** and **DML** in T-SQL.
* Responsible for creating reports such as **Cascading, Drill down/Drill through Reports**, Conditional, Table, Matrix, Charts, Ad-hoc Specialized in using Relational data warehouse and **OLAP Cubes** for producing Sub Reports.
* Involved in generating **Drill through** and **Drill down** reports with **Drop down menu** option, sorting the data, defining subtotals in SSRS.
* Create Paginated Reports using Power BI Report Builder for both on-premises and cloud data sources.
* Worked extensively on **Data visualization** and **Data analyzation** using **Power BI**.
* Implemented Star and/or Snowflake schemas while designing relational database and data warehouse as per business and report requirements.
* Designing and **Developing** the Dashboard Reports in **Power BI** using **DAX**.
* Developing the reports using **Power BI, Power Pivot and SSRS**.
* Implementing **Drill Through** & **Hyperlinks in Power BI** report.
* Developed and maintained multiple **Power BI dashboards/reports** and content packs.
* Responsible for building **Power BI Dashboards** using **Tabular** and **Multi-Dimensional Models**. Design and model data sets with **Power BI desktop** based on **measure** and **dimension** requested by customer and dashboard needs.
* Used Microsoft **Power BI Power Query** to **extract data from external sources** and modify data to certain format as required in Excel and created SSIS packages to load excel sheets from PC to database.
* Moved the reports from the Workspaces to **power BI Apps** and created AD groups to make sure that all the users have access to the **power BI APPs**.
* Experience in Implementing and developing business solutions using Microsoft Tech like .NET, MS Dynamics Business Central, CRM D365
* Installed On premise data gateway and scheduled daily data refresh in Power BI.
* Created **Calculated Columns** and **Measures** in **Power BI** and Excel depending on the requirement using **DAX queries.**
* Wrote and **modified various Stored Procedures** used in the application using T-SQL.
* Extensive experience in different types of reports including **Tabular forms**, **Matrix (cross Tab report) form**, Conditional, List items, Charts and Sub reports.
* Performed **DAX (Data Analysis Expressions)** & **MDX functions** for the creation of calculations and **measures in the Tabular Mode & multi-dimensional Cubes**.
* Primarily involved in Data Migration using SQL, SQL Azure, **Azure storage**, and **Azure Data Factory**, SSIS, PowerShell.
* Designed and Developed ETL Frame that extract, transform, Audit and load data in **Azure SQL Datawarehouse**.
* Extensively involved in **Designing and Developing ETL Processes** data from external sources like **Azure blob Storage, Azure Data Lake Gen2** and ORC/Parquet/Text Files into **Azure SQL Data Warehouse** (Azure Synapse).
* Used SSIS to create **ETL packages** to **validate, extract, transform and load data to data warehouse and data marts.**
* Created **SSIS packages** using **.NET and C# as a custom code in Script task**.
* Involved in unit testing against the developed packages and reports.

**Environment:** MS SQL Server 2016/2014/2012, Management Studio (SSMS), ETL, D 365, Integration Services (SSIS) 2012, Power BI, Power BI (Pro), Tableau, Power BI Service, WebFOCUS 7.7.03, SharePoint.

**Commercial BANK**

**Client: Lloyd’s bank** (**TCS)**

**Role: Sr. BI Developer**

**Period: - From Mar 2022 to Apr 2023**

Commercial Banking application is one of the financial services that provides solutions for those most in need. Services provided like banking Customers Create accounts, Credit Cards, Loans, Insurance, and savings accounts. Have maintained the accuracy level of the data loaded from multiple systems acts as an input for Business Intelligence reports. The system is considered as a single source of truth for customer Profitability and metrics. This system also assists in the periodical review of Customers’ financial performance and behaviour and shapes the ongoing banking relationship.

**Responsibilities:**

* Designed and developed Power BI graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
* Participated in the daily standup with business teams to resolve the business issues and Data challenges.
* Hands-on experience in the design, development of end user applications for the data presentation and analytics, including scorecards, dashboards, reports, monitors, and graphic presentation using **Power BI**.
* Developed reports using different connectivity modes like Import, **Direct Query** and Live data from several data sources.
* Configure data intake using Query and its formula language, ‘M’.
* Utilized **Power BI** (Power View) to create various analytics dashboards that depicts critical KPI along with slicers and dicers enabling end -user make filters.
* Created reports like **Drill-Down, Drill-Through, Chart, Sub Reports Bar charts, Line charts, Pie charts** etc.
* Imported Custom Visuals from market and formatted to enhance Visualizations.
* Meaningfully visualized **Power BI** Dashboards with quick insights into KPI’s and Advance analysis actions, Measures, calculated columns, Maps and Scatter plots, Column Chart, Advance cards.
* Provided production support to Power BI users and wrote custom SQL to support business requirements.
* Published **Power BI** Reports in the required originations and Made Power BI Dashboards available in Web clients and mobile apps.
* Converted all operational excel reports & Microsoft report builder reports into Power BI Reports and explore data in variety of ways and across multiple visualizations using Power BI.
* Created **Calculated Columns** and **Measures** in **Power BI** and Excel depending on the requirement using **DAX queries.**
* Wrote and **modified various Stored Procedures** used in the application using T-SQL.
* Extensive experience in different types of reports including **Tabular forms**, **Matrix (cross Tab report) form**, Conditional, List items, Charts and Sub reports.
* Performed **DAX (Data Analysis Expressions)** & **MDX functions** for the creation of calculations and **measures in the Tabular Mode & multi-dimensional Cubes**.
* Utilized Power BI to create various analytical dashboards that shows critical KPIs such as billing hours along with slicers and dicers enabling end-users to make filters.
* Experience in SQL joins, sub queries, tracing, indexing strategies and query/index tuning and performance tuning for better running of queries.
* Involved in end-to-end system testing, performance and regression testing and data validations
* Perform quality assurance checks and update databases to ensure data integrity.

**Environment:** Power BI Desktop, Power BI Data Gateway, Power BI Service, Tableau, SQL Server 2008R2/2005 Enterprise Edition, SSIS, XML, T-SQL, SSRS, SSIS and SSAS, VisualStudio.NET IDE, Agile, Rally, GITHUB, MSSQL Server 2012.

**Nextgen HealthCare**

**Client: Anthem** (Legato)

**Role: Sr. Data Engineer**

**Period: From 2018 March to 2022 March**

Anthem Grievances and appeals is part of NextGen applications in Anthem. GNA handles the grievances and appeals over claims and authorizations, either preservice or post service. This also handles the correspondence generation to members, providers, or other stakeholders about the status of grievances/appeals raised. Users of this application will be nurses and medical directors who reviews the grievance/appeal through the application flow.

**Responsibilities:**

* Extensively worked on OBIEE Analytical RPD to customize the existing OOTB subject areas such as (Sales – Invoice lines, Order lines, Pick lines, Backlog Lines and Manufacturing subject areas to include the Customized calculation fields and new dimensions.
* Created multiple Custom subject areas for Operations (Coil process Fact, machine Downtime, Machine Shift Hours and Operator Shift hours, planned Orders) –all these subject areas shows the processing and human resources performance for their business prospective and it will help to make strategic decisions.
* Designed and Implemented Data level security, object level security for the new LDAP, EM application roles through EM and RPD.
* Oracle EBS is the only source system in Worthington and Informatica has been used to extract the data and load into the OBIA warehouse.
* Extensively worked on ETL (Informatica) to create new fact and Dimension tables and used SQL, PL/SQL for the data extract and validations.
* Created multiple DAC execution plans and worked on FULL, incremental data loads and created separated micro ETL’s to preserve the Historical snapshots.
* Heavily worked on OBIEE front-end to create medium to very complex **Reports, Dashboards** mainly in Finance, Supply chain areas and worked on Performance tuning for all the OBIEE reports (from Answers, RPD and ETL side)
* Interacted with business stakeholders to understand their requirements, analysing the available data to build Power BI Dashboards.
* Participated in all the UAT sessions, data validation and user training sessions and worked directly with a team of analysts, directors and reported the daily progress directly to the scrum master and BI Lead and Delivery manager.

**Environment:** OBIEE 11.1.1.7.140715, BI Apps 7.9.6.4, Informatica PC 9.1.0,Power BI, DAC 10.1.3.4.1, BI Publisher 11g , Oracle 10g, SQL Developer, Toad 10.1,UNIX

**Title: Payments BI**

**Client: TESCO**

**Period: - from 2016 Nov to 2018 March**

As part of paymentsBI process, data from multiple source systems like UK and Asian countries are extracted and hosted in a centralized location. Retail and sales calculations run on top of it to provide customer metrics.

Have maintained the accuracy level of the data loaded from multiple system acts as an input for Business Intelligence report. The system considered as a single source of truth for customer Profitability and metrics. This system also assists in periodical review of Customers’ financial performance and behaviour and shapes the ongoing Retail and banking relationship.

**Responsibilities:**

* Created SSIS packages for **Import, Aggregation and Extract process.**
* Developed DPE (Data Process Engine) Packages for executing the packages depending on Business Day.
* Created dependency between Import to **Aggregation and Aggregation** to extract packages.
* Developed scripts for validating the source file availability for all Import packages.
* Created file transfer process for coping source files in to Input folder and sending extract files to end users.
* Created Error login mechanism to log the Exception logs, Error logs, Package execution status logs and Process completion logs.
* Have created Data integrity package for extracting last 6 months’ data trend, which is used for trend analysis by BAU team.
* Analysing the data and created **Data modeling, Data Marts** as per the requirement.
* Loaded hierarchical data structures and created different level of details.
* Loaded data order date wise, which is used to create the reports Weekly, Monthly, Quarterly and Yearly level.
* Lead multiple teams for new initiatives, enhancements, and support of BI in Corporate Office of Technology.
* Interacted with business stakeholders to understand their requirements, analysing the available data to build Power BI Dashboards.
* Configuring the Gateways for On-Premises data access.
* Designing the application and developing the application functionalities using Excel and VBA for end user visual appearance using pivot tables.

**Environment**: SSIS, SQL SERVER, Excel, VBA, DTS, Power BI

**Title : BUSINESS INTELLIGENCE**

**Client: CISCO** **(Accenture)**

**Role: MSBI DEVELOPER**

**Period: - from 2014 February to 2016 November**

The Wireless and Mobility sales provided services and solutions on Net Working Devices global Customers. The Institutional Customer Information System (ICIS) is a Weekly, monthly, Quarterly, yearly reporting system that is a web-based reporting application that delivers customer and product information that receives a data extract from different Source systems like SAP , Salesforce, Flat Files and DATABASES. Dashboards , Reports, visual representation of data from any source system handles in this Project and Weekly, monthly, Quarterly, yearly reports represent data accordingly End client needs.

**Responsibilities:**

* Design and developing the **POC’S according** to business users.
* Developing the best practices and drive the code to across development, test and Pre-Prod and Production environments.
* Creating the Daily jobs for data dumps for various teams.
* Responsible for Data analytics’ migration from **Tableau to Power BI.**
* Designed and developed the migration of Data Analytics to Power BI.
* Designed and developed the dashboards, Scorecards and KPI’s in the Power BI.
* Experience in developing the Calculated columns and Measure in the **Data Analysis Expressions (DAX).**
* Built Web Intelligence Reports provided OLAP functionality and worked extensively with data warehousing.
* Implemented scheduled data refreshes with on-premises data gateways as per the business requirement.
* Implemented Direct Query, Imports Data and **Live Connection modes.**
* the apps and workspace and share across the organization and individuals based on the requirement.
* Creating and maintaining the app’s content.
* Creating and maintaining the **Power BI Content packages.**
* Generating Web links or Embedded Code for publishing to web or website or portals.
* Design and develop the **RLS (Row -Level-Security).**
* Experience in Working with various data sources.
* Implemented the best practices to speed up the data refreshed or load the data model.
* Design and Developed the Data marts as per the Business requirement.
* Migrated the existing Microsoft excel reports to **Power BI.**
* Experience in using the M language for Data transformation in the Power Query.
* Design and developed the Test scenarios in For Data analytics.
* Have experience in using the Bookmarks and Sync Slicers and Buttons extensively to Develop the Best User Experience.
* Design and developed the **MySQL Scripts for Data Dumps.**
* Extensively involved in deploying **SSIS Packages, SSRS Reports and SSAS Cubes using command line utilities.**
* Extensively involved in Data Warehouse Star Schema Modeling, Snowflake Modeling, FACT& Dimension Tables, Physical and Logical Data Modeling.

**Environment**: MS SQL Server 2016/2014/2008, SSIS/SSAS/SSRS, T-SQL, Visual Studio 2014/2013/2012, C#, SQL Server Profiler, Azure Cloud, Azure SQL Database, Azure Data Lake, Azure Blob, Tableau, Power BI Desktop, Power BI Service, Power Query, Business Objects.

**Title : DE Team**

**Client: INTEL**

**Role: BI DEVELOPER**

**Period: - from 2012 Oct to 2014 Feb**

**Responsibilities:**

* Worked on **SQL Server Integration Services (SSIS)** to integrate and analyze data from multiple homogeneous and heterogeneous information sources (CSV, Excel, DB2, SQL 2000, and SQL 2005).
* Created Configurations to make package portable and created Event handlers for handling package error.
* Used For-Each Loop Container, Sequence Container, Script task, Expressions, **Execute SQL task,** Variables, Send Mail Task, Package Execution task to achieve business needs.
* Created SSIS packages to Extract, Transform and load data using different transformations such as Lookup, Used Derived Columns, Condition Split, Aggregate, Pivot Transformation, and Slowly Changing Dimension, Merge Join and Union all in transformation of **SSIS Packages.**
* Created and modified various Stored Procedures used in the application using T-SQL.
* Designed Cubes with star schema and snowflake schema in **SSAS** and Executing Analysis Services Processing Task in SSIS for processing cubes in packages.
* Scheduled and maintained packages daily, weekly and monthly using SQL Server Agent in SSMS.
* Ad-Hoc reporting was one of the major responsibilities.
* Built SSAS Cubes for Aggregate reporting.
* Worked in Creating Calculations using MDX and Supported DAX expressions which were using Pivot table reports.
* Created Project Expense Statements in all Data marts and other Financial Reports using SSRS.
* Developed yearly and quarterly company expense reports.
* Responsible for Deployment of the report using **SSRS and used Report subscription** (Data Driven and Email) to publish reports.
* Tuning SQL query for better performance using **SQL Profiler.**
* Actively supported business users for change requests.

**Environment:** SQL Server 2000/2005, Enterprise Edition, SQL, Enterprise manager, SSRS 2005, SSIS 2005, Spotlight, MS SharePoint, MS Access 2000 & Windows 2003/2000 platform, VB.NET, ASP.NET.