**Sr. Power BI Developer**

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PROFESSIONAL SUMMARY

* Around 9+ years of experience as MSBI / Power BI developer, database developer, and data analyst with Microsoft SQL Server 2016/2014/2012/2008 R2/2008/2005, SSIS/SSRS/SSAS, OLTP, OLAP (Different environments such as Production, UAT, and development) and MSBI/Power BI in various domains.
* Extensive experience with SQL Server Integration Services (SSIS) 2008/2008 R2/2012/2014 and 2016 Data Extraction, Transforming, and Loading (ETL).
* Expertise in Scheduling Database tasks - Jobs, Alerts, Emails, and Notifications.
* Experience in BI Development and Deployment of DTS, and SSIS packages from MS Access, Excel, Oracle, and Teradata.
* Advance data modeling using DAX, power query/edit query in Power BI desktop, and working with custom visuals.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Has very good experience in creating SSIS packages to manage SQL server databases and SQL server objects between instances of SQL server.
* Has experience on Denodo for Data Visualization and ETL
* Worked with the technical team and business users to analyze business requirements and translate them into technical specifications for ETL and reporting.
* Experience in Azure Fabric Services.
* Experience in the design and development of applications using .NET Framework, C#.NET, ADO.NET, LINQ, Visual Studio 2003/2005/2008, AJAX, SQL Server 2008, and UML.
* Experienced to connect Denodo 5.5/6.0 using Postgre connection and creating BO data model using IDT 4.2 SP3 tool and creating reports for users/stack holders.
* Experience in developing N-tier distributed .NET applications using Web Forms and WinForms. Good knowledge of .NET Framework features including Reflection and Metadata.
* Developed different Automation Frameworks like Linear, Structured, Keyword in HP Quick Test Professional, HP Quality Center/ALM, JIRA, Bubzilla, MTM and TFS.
* Coordinated and participated in weekly estimation meetings to provide high-level estimates for backlog items.
* Power BI Tools – Power BI desktop, power pivot, power query, power view, power map, Power BI dashboard, calculated columns, and calculated measures using DAX, data modeling.
* Experience in Object Oriented Design and Programming concepts in Java and Python
* Having experience in Agile Methodologies, Scrum stories, and sprints experience in a Python-based environment, along with data analytics, data wrangling, and Excel data extracts.
* Implemented data encryption at rest and in transit within Azure Data Lakes to protect sensitive information.
* Extensive expertise in designing and development of applications utilizing of oracle, PL/SQL, SQL and UNIX Shell Scripting.
* Experience in developing and deploying a Microservice application utilizing almost all the AWS Stack including S3, EC2, DynamoDB, Kinesis, SNS, and SQS.
* Generated complex Transact SQL(T-SQL) queries, Sub queries, Co-related sub-queries, and Dynamic SQL queries. Programming in SQL Server - Using the Stored Procedures, Triggers, User-defined functions and Views, and Common table expressions (CTEs).
* Expertise in Data Warehouse, ETL Verification, BI reports.
* Developed and maintained high-quality Power BI dashboards and reports, ensuring optimal performance and seamless user experience by applying best practices in data visualization and report design.
* Migrate Denodo 5.5 databases to Denodo 7.0 using Solution Manager
* Expert in integrating various data sources into Power BI and Qlik, including SQL databases, cloud services, and Excel.
* Experienced in client requirement Analysis, Logical and Physical design & development of a database (using MS Visio, Erwin, normalization, and SQL Server Enterprise manager), Resource Planning, Coding, Debugging, Testing, Deployment, Support, and Maintenance of business applications using SQL Server 2012/2008R2/2005, DTS, SSIS, SSAS, and SSRS.
* Experienced in both Manual and Automated testing tools using HP Quality Center/ALM, Bugzilla, JIRA, TFS, MTM, Test Director and QTP with VB Script.
* Implemented data masking and anonymization techniques in Azure Data Lakes to protect personally identifiable information (PII).
* Wrote scripts in Python for extracting data from HTML file.
* Utilize PyUnit, the Python Unit test framework, for all Python applications.
* Experience in Logging, Error handling using Event Handler, and Custom Logging for SSIS Packages. Experience in Performance Tuning in SSIS packages by using Row Transformations, Block, and partial blocking Transformations.
* Developed custom M code in Power Query to perform advanced data transformations, including data cleansing, merging, and reshaping, ensuring data was ready for analysis in Power BI.
* Implemented Copy activity and custom Azure Data Factory Pipeline Activities for On-cloud ETL processing.
* Periodic reporting is done daily, weekly, monthly, and quarterly, which helps the client by using the Reporting Services (SSRS), POWER BI.
* Hands-on experience in Azure Development worked on Azure web application, App services, Azure storage, Azure SQL Database, Virtual machines, Fabric controller, Azure AD, Azure search, and notification hub.
* Good knowledge of Data Marts, Operational Data Store (ODS), OLAP, Dimensional Data Modeling for FACT, and Dimension Tables using SQL Server Analysis Services.
* Experience in Azure DevOps, creating pipelines, and usage of ADLS
* Implemented User-Defined server roles in SQL Server 2019, default schemas for groups.
* Worked extensively in Query analyzer and profiler for tuning queries using variables for characteristics and query costs.

EDUCATION DETAILS:

Bachelor’s From Jawaharlal Nehru Technological University, Kakinada in 2013

TECHNICAL SKILLS

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| **SQL Server Tools:** | SQL Server Management Studio, SQL Server Business Intelligence Development Studio, SQL Server Data Tools |
| **Databases:** | MS SQL Server 2012/2008/20x05/2000, Oracle 10g/9i/8i, DB2, Teradata, MS Access, Denodo |
| **Programming Languages:** | C, C#, VB.Net, SQL, T-SQL, Power Shell, Visual Basic |
| **Scripting:** | HTML, DHTML, XML, JavaScript |
| **Reporting Tools:** | SQL Server Reporting Services (SSRS) 2012/2008, Crystal Reports, Qlik View, Tableau, Power BI, Crystal Reports XI/X/9/8. |
| **Application Packages:** | MS Outlook, MS Office |
| **Operating Systems:** | Windows 2003/2008, Windows 7, Windows NT, Windows 2000, XP |
| **Version Control:** | Team Foundation Server, VSS, SVN |

WORK EXPERIENCE

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| Client: Vanguard, Philadelphia PA Jan 2023 - Current  Role: Sr. Power BI Developer |

Responsibilities:

* Active involvement in the architectural and technical design specification sessions.
* Provided estimates for the work requirements and planned the assigned activities in detail.
* Creating the Procedures, Functions and View in the Azure Data warehouse
* Involved in client Meetings to discuss the requirements.
* Created SSIS packages to get data from different sources, consolidated and merged into a single source.
* Developed the various SSIS components like SCD, Conditional Spilt, Merge, Merge Join, Multicast, Union all, Sort, Derived column, Executed SQL Task, Variables, Parameters, and Error Handling before loading data into Data warehouse.
* Executed and tracked test cases in MTM, ensuring that all test results are accurately documented and any defects are promptly reported and addressed.
* Designed and implemented relational databases, data marts and developed the reports to allow users to easily access the data.
* Involved in Code Review, Unit testing, logging, and Custom Logging in SSIS Packages.
* Created database objects like Cluster/Non-Cluster Index, Constraints, Views, Stored Procedures, and Triggers as per the requirement.
* Designed and implemented relational databases, data marts and developed the reports to allow.
* Created the SSRS reports like Tabular, Matrix, Charts, Gauge, and List.
* Implemented the SSRS subscriptions.
* Experience working on Service Microsoft fabric and Azure container service. Designed and deployed architecture for Azure Service fabric.
* Managed test cases and test plans within TFS, ensuring traceability and alignment with project requirements and timelines.
* Configure Diagnostic and Monitoring for Denodo environments
* Advanced knowledge of DAX for Power BI and Qlik scripting to build sophisticated calculations and data transformations.
* Implemented row-level security (RLS) in Power BI to ensure that sensitive data was protected and only accessible by authorized users, improving data governance and compliance.
* Fetch the data from Oracle 10g by creating a linked server and use SQL Server to query Oracle database.
* Deployed the SSRS Reports and provided the security to end users.
* Worked on technical document preparation for the changes.
* Troubleshot and resolved issues in DAX and M code, ensuring the accuracy and reliability of Power BI reports and preventing data inconsistencies.
* Worked on the SSAS cube script and deployed the SSAS cubes.
* Implemented SSAS Cube action changes for drill-through reports.
* Created the Calculated measures using the MDX function in SSAS cubes.
* Implemented the Dashboard, Apps, and alerts in the Power BI cloud.
* Worked on migration from SSRS reports to Power BI and Paginated reports as per requirements.
* Created the Power BI Reports and Dashboard as per the Client's Requirements
* Created the apps and alerts in Power BI Service
* Publish the Power BI reports and provide access to end-users.
* Created the Power Automate to automate the jobs for dataset refresh.
* Provided production support for the customers by troubleshooting the issues.
* Interacted with the team members based in diverse global locations.

**Environment:**Power BI, SQL Server 2016, ORACLE SQL Server 2012/2008, Teradata, SSIS, SSRS, SSAS and Power BI, MTM, MySQL,TFS, Windows Server 2016, CMDB, Cognos, TFS.

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| Client: Openet (Amdocs) Herndon, VA Mar 2021 - Dec 2022  Role: Power BI Developer |

Responsibilities:

* Collaborated extensively with business stakeholders to gain a comprehensive understanding of their reporting needs and validate the current reporting functionalities in place.
* Created stored procedures and SQL queries to pull data into the power pivot model.
* Developed custom-calculated measures using DAX in PowerBI based on business needs.
* Designed, developed, and maintained Power BI graphical and visualization solutions with business requirement documents and interactive dashboards.
* Work closely with business stakeholders to identify opportunities for process improvement through the development of reporting and analytics.
* Demonstrated ability to extract critical data from SSAS cubes, a vital asset in the project. Proficiency to drive data-driven strategies and enhance decision-making processes in financial projects.
* Provide expert-level guidance on operational process implementation and continually refine analytics to drive operational excellence.
* Integrated TFS with MTM to streamline the testing process, allowing for efficient tracking of defects and progress in the BI report testing lifecycle.
* Hosting of applications in Azure (service fabric, azure apps, web role and worker role).
* Proficiently employed Tableau to support critical data-driven decisions in our project. Developed dynamic dashboards and reports to visualize complex banking data, enhancing transparency and facilitating strategic insights for risk assessment, customer analytics, and operational efficiency improvements.
* Utilized QlikView in this project, revolutionizing data analysis and reporting to drive informed financial decisions and optimize customer experiences.
* Developed dynamic DAX calculations that responded to user interactions, such as slicers and filters, providing a more personalized and responsive reporting experience.
* Establish a quality assurance process pertaining to business intelligence reporting.
* Using PowerBuilder applications with their RAD features and user-friendly GUI, they enable the rapid development of custom solutions for tasks like account management, transaction processing, and customer interaction, enhancing efficiency and adaptability in the banking sector.
* Conduct thorough reviews of output and consult w
* Wrote advanced DAX formulas to implement time intelligence, dynamic filtering, and complex business logic, enhancing the analytical capabilities of Power BI dashboards.
* The end users to address any deficiencies, implementing effective resolutions.
* Developed custom visuals and interactive features in Power BI, enhancing user engagement and making complex data more accessible and understandable.
* Responsible for design and implementation of Data virtualization using Denodo for the business.
* Apply Denodo patch sets.
* Designed the packages in order to extract data from SQL database, flat files and loaded into Oracle database.
* PowerBuilder applications, with their RAD capabilities and user-friendly GUI, are indispensable in financial projects. They enable the swift development of customized solutions for data analysis, reporting, and portfolio management, making them essential tools for efficiency and adaptability in the financial sector.
* Extensive Unix/Linux scripting and Autosys proficiency are used in automation for data processes, ensuring accuracy and efficiency in financial analytics.
* Design and implement reporting audits to ensure accuracy and compliance. Collaborate with cross-functional teams and senior stakeholders to identify and comprehend key business challenges.
* Implemented several DAX functions for various calculations for efficient data visualization in PowerBI
* Utilized PowerBI gateway to keep dashboards and reports up to date on the company’s data sources.
* Designed complex data-intensive reports in PowerBI using various graph features like gauge and funnel.
* Utilized Power BI (Power Pivot/View) to design multiple dashboards to display information required by different departments.
* Scheduled refresh and scheduling refresh in PowerBI service.
* Developed calculated columns and measures queries in PowerBI desktop to perform analytical requirements.
* Performed transformations in the PowerBI query editor to shape and model data.
* Ensure deliverable compliance with all Commonwealth, DOH, BOL, and HHSDC, standards and procedures.

Environment: MS SQL Server 2017/2016/2012/2008 R2 Enterprise Edition, ORACLE SQL Server 2012/2008, PowerBuilder applications (RAD, GUI), TFS, T-SQL, SSIS, SSRS, SSAS, C#, VB.NET, Qlik View, Unix/Linux, Power BI, Tableau, SQL, .Net, MTM, HDInsight Hadoop, Snowflake.

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| Client: Altice, USA-New York Oct 2017 – Feb 2021  Role: Power BI/SQL Developer |

Responsibilities:

* Involved in the creation of various Business Intelligence/ Analytical Dashboards utilizing Power BI with global filters, calculated columns and measures using complex DAX calculations and transformations using Query Editor & Power Query Formula Language (M).
* Worked extensively building Power BI Dashboards with quick insights into KPIs and Advanced analysis actions, Calculations, Parameters, Maps and Scatter plots, and Predictive Analysis using Python and R integration.
* Used Trend Lines Statistics and Log Axes, Group hierarchies, and time intelligence to create detailed and summary-level reports and Dashboards with KPIs using Power BI.
* Have replaced the Java Messaging Service (JMS) calls with AWS SQS and used AWS SDK to connect with Amazon SQS for bulk email processing.
* Prepared detailed test reports and metrics using TFS and MTM, providing stakeholders with clear insights into the quality and performance of Power BI and Cognos reports.
* Worked on Power BI dashboards using stacked bars, bar graphs, scattered plots, waterfall charts, geographical maps, and Gantt charts using show me functionality.
* Publishing of various kinds of live interactive data visualization dashboard reports and workbooks from Power BI Desktop to Power BI servers.
* Experience in implementing and working on the python code using shell scripting. Performed troubleshooting, fixed and deployed many Python bug fixes.
* Worked with installing, designing, and managing MS SQL Server 2012
* Managed a repository of reusable data visualization templates and views.
* Supported the Business Intelligence/Analytics data analyst with an understanding of business and data requirements and iteratively designed visualizations for initial concepts and prototypes that can be presented to customers for feedback.
* Subscribed SQL Server Azure Cloud Services.
* Created Database(s) on SQL AZURE.
* Worked on Setting up SQL Azure Firewall.
* Setting up Connection Strings and connecting SQL Server AZURE Databases from locally Installed SQL Server Management Studio (SSMS) for Developers.
* Developed and optimized complex DAX queries to create calculated columns, measures, and tables, enabling advanced analytics and deeper insights in Power BI reports.
* Experience in Data Virtualization using Cisco Composite and Denodo.
* Worked on Incremental loading with Merge statements in Stored Procedures.
* Scheduled SSIS packages with SQL Agent Job.
* Conducted Training sessions for Power BI users and created the documents for end-user support.
* Worked on all activities related to the development, implementation, administration, and support of ETL processes.
* Used SSIS to create ETL packages to validate, extract, transform, and load data to data warehouse databases.
* Contributed to developing and modifying coding standards for the team to ensure consistency, efficiency, and accuracy in reporting and data analysis. Performed capacity planning and growth prediction for client audit data.
* Query tuning based on query execution plans, statistics, and profiling.
* Created code-based solutions for application errors involving composite key manipulation.
* Coded optimization objects including hierarchical flattening functions, strategic indexes, and staging tables as well as data and file partitioning.
* Developed complex SSAS cubes with multiple fact measures groups and multiple dimension hierarchies based on the OLAP reporting needs.

Environment: Power BI, Power BI Pro, Power BI Desktop, Power BI Service, Power BI Gateway, SharePoint, Microsoft Office, Outlook, Microsoft Teams, Skype for Business, SQL Server 2017, TFS, SQL Server Analysis Services (SSAS 2019), DAX, T SQL, SQL Profiler, XMLA, MTM, MS Excel, Excess, Windows 8.

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| Client: Westliesoft Technologies, India Jan 2016- Mar 2017  Role: Power BI Developer |

Responsibilities:

* Worked closely with various teams across the company to identify and solve business challenges.
* Gathering and Analysing requirements of clients, understanding and converting them into solutions with solid exposure to architecture, analysis, design, testing, development, deployment, documentation, and implementation.
* Import Data from different data sources to create Power BI reports and Dashboards.
* Experience in developing Reports, Charts, and Dashboards using Power BI Desktop and managing security based on requirements.
* Worked on WAMP (Windows, Apache, MYSQL, Python/PHP) and LAMP (Linux, Apache, MySQL, Python /PHP) Architecture.
* Created and worked with various SQL and NoSQL databases such as AWS RDS Aurora DB cluster, MySQL, DynamoDB, and MongoDB and connected to the database through DB Instances using the AWS Java SDK.
* Transform, define, and navigate the data from the data source and perform merge and append queries using Power Query.
* Performed transformations like Pivoting, Unpivoting, and Splitting of Columns using Power Query.
* Created different drill-down reports using Power BI Desktop.
* Created measures, calculated columns, and relationships, and performed time series analysis using DAX in Power BI.
* Created hierarchies in Power BI Reports using visualizations like Bar charts and line charts.
* Worked with both Import and Direct query modes to import data into Power BI for creating reports.
* Used Power BI Gateways to keep the dashboards and reports up to date.
* Responsible for creating and changing the visualizations in Power BI reports and Dashboards on client requests.
* Created measures, and calculated columns in Power BI Desktop to show good data analysis techniques.
* Created Power BI Reports using the Tabular SSAS models as source data in Power BI Desktop and published service reports.
* Created reports utilizing SSRS, Excel services, and Power BI and deployed them on SharePoint Server as per business requirements.
* Experienced in creating many dashboards by pinning many visualizations in the workspace as per the insights provided.
* Troubleshoot and support reports in Power BI workspaces whenever there are issues in production.

Environment: Power BI, DAX, Power BI Gateway, Power Query, MS SQL Server 2016/2014/2012. MS Excel, Windows 8/10, Team Foundation, SQL Server Integration Services (SSIS), Service Now, SQL Server Analysis Services (SSAS)

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| Client:Mouri Tech, Hyd, India June 2013 - Dec 2015  Role: Power BI Developer |

Responsibilities:

* Working with Power query for intrinsic and Reusable Parameters with Static/ Dynamic dropdown values.
* Involved in requirements analysis and data analysis to derive the business logic, and validation of data mappings.
* As a Power BI developer responsible for the design, development, and production support of interactive data visualizations.
* Created Power BI Dashboards using different types of Slicers and different visualizations like Bar Charts, Line Charts, Pie Charts, Clustered charts, etc.
* Created stored procedures, SQL Joins, and T-SQL Queries to implement business rules and created data sets required for Power BI reports. Also used Azure data cubes data to import data to Power BI.
* Responsible for building reports in Power BI from Scratch.
* Handled data coming from various data sources and destinations like Excel, flat files, and CSV files.
* Hosted SSIS, SSRS knowledge transfer, and data quality issue meetings with the client on a weekly/biweekly basis.
* Implemented parameters in reports for user input fields as per business requirements.
* Created the Dashboards with Tiles and pins from reports, and insights and shared it to user groups using Power BI Apps.
* Performed various complex calculations and created custom measures using Data Analysis expression (DAX).
* Worked with Power BI Report Server for Paginated reports and using Report Builder tool.
* Responsible for creating and changing the visualizations in Power BI reports and Dashboards on client requests.

Environment: Power BI Desktop, Power BI Service, DAX, Power BI Gateway, Power Query, MS SQL Server 2012, SQL Server Management Studio, MS Excel, Windows 8.