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| PREEtham k | 770.709.4378 | k82088215@gmail.com |
| Professional summary | |
| * Over 8 years of IT experience focused on Database development, Data warehousing and Business Intelligence applications in **Pharmaceutical**, **Financial** and **Healthcare** industries * In-depth knowledge of **Tableau**, **Power BI**, SSAS, SSRS, **OLAP**, **MSBI Suite**, Reporting and Analytics, **Oracle PL/SQL**, SQL Server 2008/2012/2016 and T-SQL programming * Hands of experience in **SQL Server**, writing database queries using joins,creating Tables, Views, Indexes,writing Stored Procedures, Functions and Triggers using **T-SQL**, Maintaining Database, Experience in Query Optimization and Performance tuning * Extensive experience in developing and implementing Microsoft SQL Server Integration Services (**SSIS**), Reporting Services (**SSRS**), Analysis Services (**SSAS)** * Expert in Extraction, Transforming and Loading **(ETL)** data flows using **SSIS,** creating mappings/workflows to extract data from SQL Server and Flat File sources and load into various Business Entities * Experience in **DTS** Migration and **Metadata** Management, Migrating DTS packages to **SSIS**, Package Migration Wizard, and Storage Management * Developed scripts to automate the execution of **ETL** using shell scripts under Unix environment * Experience in providing **Logging, Error handling by using Event Handler, and Custom Logging for SSIS Packages**. * Extracted the data from various data sources into **Power BI desktop**, transformed the data in **Power Query** Editor, Pivot and Un-Pivot the Data Model for Data Cleansing and Data massaging and generated Reports and Dashboards * Involved in creating **Data visualizations** like Clustered Column Chart, Bar Chart, Donut Chart, Line Chart, Scatter Plot, Tree Map, Slicer, Gauge Visualization etc. with Power BI * Knowledge working with **Map Reports** and **Stacked Reports** * Proficient in **Azure services**, **Python**, and advanced data modeling techniques for comprehensive data solutions. * Created the Calculated columns and measures with the use of **DAX** Expressions like Aggregate, Time & Date Functions. Wrote DAX, Power Query formulas and creating **KPI’s** based on client requirements * Developed Power BI Reports, Paginated Reports, Custom Visuals, Group Creation and Effective **Dashboards** after gathering and translating End-User Requirements | |
| * Expertise in Publishing Power BI Reports of Dashboards in **Power BI Server** and Scheduling the dataset to refresh for live data in Power BI Server * Worked with both Direct query and Import data into Power BI for creating Reports * Providing security by using **Row Level Security (RLS)** implementation * Extensive knowledge on Power **BI licenses Power BI Pro, Power BI Premium and Gateway** types * Good in creating Workspaces, Users and Groups assigning the permissions to End-Users and Scheduling the reports in Power BI Services * Extensively developed Business Requirements Documents, Functional Design Documents and Technical Design Documents * Involved in Troubleshooting, Performance tuning of reports and resolving issues within Power Bi visualizations   Technical skills   |  |  | | --- | --- | | **Business Intelligence** | Power BI, SSIS, SSRS, SSAS, Power Apps, Tableau | | **Data Management** | Azure Data Factory, Azure Data Lake, Azure SQL Database, T-SQL (DDL, DML, Stored Procedures), MS SQL Server, ORACLE, MS Access, Teradata V2R6/V2R5 | | **Data Analysis and Visualization** | DAX (Data Analysis Expressions), M Query (Power Query), Python (Data Manipulation, Preprocessing), Power Pivot | | **Data Modeling & Development Tools** | SQL Server Data Tools (SSDT), SSIS, SSAS, OLAP (Online Analytical Processing), Multi-dimensional Cubes, Business Intelligence & Development Studio, Visual Studio | | **Data Governance and Security** | Data Governance Policies, Row-Level Security (RLS), Compliance Standards | | **Programming Languages** | C, C++, MSSQL, PL/SQL, T-SQL, Teradata SQL, Python | | **Scripting Languages** | HTML, XML, Java Script, MDX, UNIX Shell Scripting | | **Cloud Technologies** | Azure Cloud Platform, Azure Machine Learning, Azure Databricks, Azure Analysis Services, Azure Logic Apps | | **ETL Tools** | Data Transformation Services (DTS), SSIS, Informatica | | **Reporting tools** | SQL Server Reporting Services (SSRS), Power BI Desktop, Business Objects 6.5/XI, MS Excel, Cognos Impromptu | | **Requirements Management** | Requisite Pro, Microsoft Office (Word, PowerPoint, Excel) | | **Document Management** | Documentum, Visual Source Safe, Share Point, Ultra Edit | | **Methodologies** | Star/Snow flake Schema, ETL, OLAP, Agile, Data Governance | | |
| Progessional Experience   |  |  | | --- | --- | | **Sr. Power BI Developer**  **McKesson, Dallas TX**  May 2022 – till date |  |   **Responsibilities:**   * Collaborated with key **stakeholders**, including **healthcare** **professionals**, analysts, and executives, to gather and analyze business requirements for BI implementation in the healthcare/pharma domain. * Led the identification and prioritization of BI needs, such as **drug utilization analysis**, **sales performance**, **inventory management**, and **regulatory compliance reporting**. * Successfully implemented Azure services, including **Azure Data Factory**, **Azure Data Lake**, and **Azure SQL Database**, to ingest, transform, and integrate data from diverse sources into Power BI for reporting and analysis. * Expertly designed and executed various **SSIS** transformations, such as **Pivot Transformation**, **Fuzzy Lookup, Derived Columns, Condition Split,** and **Aggregate**, to prepare underlying data for reports and efficiently export cleaned data from different formats (Excel Spreadsheets, Text files, CSV files) to the data warehouse. * Utilized **Python** for data manipulation, cleaning, and preprocessing tasks, ensuring data quality and consistency for both Power BI and advanced analytics. * Demonstrated proficiency in using **SQL Server** and **T-SQL** (DDL and DML) to construct and manage database tables, implementing normalization techniques for optimized data organization. * Successfully developed Tabular Data Models (**SSAS**) to efficiently organize and structure data for optimal reporting and analysis in Power BI. * Proficiency in SQL for querying and analyzing data in **Snowflake data warehouses**. * Expertise in **ETL/ELT** processes and tools such as Snowflake's native **Snowpipe** and external integrations. * Hands-on experience in managing and optimizing **Snowflake** resources such as warehouses, virtual warehouses, and compute clusters * Leveraged advanced **DAX** expressions and **M Query** language to create custom calculations, measures, and data transformations, unlocking deeper insights and handling complex data scenarios. * Utilized **Python** for data processing and model training in **machine** **learning** projects, enhancing the data preparation process for both Power BI and advanced analytics. * Created **RESTful APIs** and web services using Python frameworks like Flask to enable communication between different components of the application. * Implemented **data governance** policies and security measures within Power BI and Azure, ensuring data privacy, compliance, and proper data access controls. * Designed, developed, and implemented visually appealing and interactive dashboards, reports, and data visualizations in **Power BI**, facilitating data-driven decision-making for healthcare professionals and executives. * Utilized **Azure** cloud technologies to successfully deploy and manage Power BI reports, ensuring scalability and reliability for healthcare professionals and analysts. * Worked within an **Agile** development framework, participating in stand-ups, sprint planning, and retrospectives to ensure timely project delivery. * Maintained detailed documentation of Power BI solutions, data models, and processes for future reference and knowledge transfer.   **Environment**: SQL Server 2016 and SQL server 2014, Power BI Desktop, Power BI Server, Power Apps, Microsoft Visual Studio, Microsoft BI Stack (SSIS, SSAS, SSRS), Azure Data Factory, Azure Data Lake, Azure SQL Database, Python, T-SQL, DAX (Data Analysis Expressions), M Query, Power Query, Azure Cloud Platform, Tableau, Machine Learning with Python, Data Governance and Security in Power BI and Azure   |  |  | | --- | --- | | **Power BI Developer**  **US Bank, MN**  Feb 2020 – Apr 2022 |  |   **Responsibilities:**   * Collaborated with key **stakeholders**, including management, analysts, and compliance officers, to understand business requirements and objectives for BI implementation in the financial domain. * Contributed to defining the project scope, **KPIs**, and data sources for the bank's BI initiative. * Played a key role in identifying and integrating data from various sources, including **transactional databases, core banking systems, and external data providers**. * Actively contributed to the design and development of SQL Server Integration Services (**SSIS**) packages to extract, transform, and load (**ETL**) data into the data warehouse. * Collaborated with the team to schedule and maintain **SSIS** packages using SQL Server Agent for regular data updates. * Wrote **T-SQL** queries to create new stored procedures and enhance existing ones for aggregating and organizing financial data. * Demonstrated expertise in developing comprehensive reports and dashboards using SQL Server Reporting Services (**SSRS**) and **Power BI**. * Leveraged Power BI's rich visuals to present complex financial information in an easy-to-understand manner. * Implemented **row-level security** (RLS) in Power BI to control data access based on user roles and permissions. * Integrated **Power Apps** with Power BI to create custom data entry forms and interactive applications, enhancing user experiences and enabling data-driven decisions. * Implemented complex logic and workflows in Power Apps, utilizing formulas and expressions for data validation and process automation. * Leveraged **Python** for advanced data analysis, predictive modeling, and machine learning tasks, providing deeper insights into customer behavior, risk assessment, and revenue forecasting. * Integrated **Power Apps with Python backends** to create user-friendly data entry forms and interactive applications, improving data accessibility and usability. * Explored advanced analytics capabilities of Azure BI solutions, including **Azure Machine Learning** and **Azure Databricks**. * Integrated Power BI with Azure services, such as **Azure SQL Database**, **Azure Analysis Services**, and **Azure Data Lake**, to create an end-to-end BI and analytics ecosystem. * Implemented automated data refresh and report delivery schedules using **Azure Automation** and **Azure Logic Apps**, ensuring timely and accurate information availability. * Contributed to the development of predictive models for **credit risk assessment**, **fraud detection**, and customer churn prediction. * Embraced **Agile** methodologies like **Scrum**, contributing to daily stand-ups and sprint planning to align BI tasks with evolving business needs and priorities. * Actively engaged in implementing anomaly detection algorithms to identify unusual financial transactions.   **Environment**: SSIS, SSRS, Power BI, Power Apps, Python, Azure Machine Learning, Azure Databricks, Azure SQL Database, Azure Analysis Services, Azure Data Lake, SQL Server Agent, T-SQL, Microsoft SQL Server, Power Query (M), Power Automate (Azure Logic Apps), Azure Automation, Tableau, Microsoft Visual Studio, Visual Source Safe, Business Intelligence Development Studio (BIDS), Microsoft Office (Excel, Visio), Agile, Jira, Team Foundation Server (TFS)   |  |  | | --- | --- | | **Power BI Developer**  **AIM Specialty Health, Chicago, IL**  Feb 2018 – Jan 2020 |  |   **Responsibilities:**   * Collaborated with cross-functional teams, including data engineers and business analysts, to identify data sources, extract relevant information, and ensure accurate data integration into Power BI reports. * Developed complex **DAX** (Data Analysis Expressions) calculations and measures to derive insightful metrics, such as patient outcomes, cost savings, and utilization trends, contributing to evidence-based decision-making. * Created data transformation processes using **Power Query** to clean, reshape, and enrich data from disparate sources, resulting in improved data quality and consistency in reports. * Designed and implemented **Power Apps** solutions to enhance data collection and streamline workflows, enabling healthcare professionals to input real-time data and improving data accuracy. * Leveraged **Python** scripting for data preprocessing and advanced analytics, enhancing the accuracy and effectiveness of insights generated by Power BI. * Utilized Python libraries such as **Pandas** and **NumPy** for data manipulation, cleansing, and preprocessing, ensuring data quality and accuracy. * Implemented role-based access controls within **Power BI** to ensure that different user groups have appropriate levels of access to sensitive healthcare data, maintaining data security and compliance. * Led the migration of existing healthcare data from on-premises systems to **Azure cloud infrastructure**, resulting in improved scalability, performance, and accessibility of data for analysis. * Utilized Microsoft Azure services, including **Azure Data Factory** and **Azure Data Lake**, to integrate and process large volumes of healthcare data for visualization. * Implemented data governance measures to ensure data security and compliance with privacy policies for sensitive healthcare information. * Spearheaded the development of executive-level **KPI health dashboards**, providing actionable insights to leadership that led to more informed strategic decisions. * Collaborated closely with stakeholders to understand evolving business needs, resulting in continuous refinement and expansion of Power BI reports to address changing analytical requirements. * Participated in regular code reviews and provided constructive feedback to peers, contributing to a culture of knowledge sharing and continuous improvement within the development team. * Conducted regular data validation and reconciliation to ensure data accuracy and reliability within Power BI reports. * Provided training sessions and documentation to end-users on using Power BI effectively and interpreting healthcare analytics for improved decision-making. * Leveraged **Agile** techniques to iteratively refine data models and visualization solutions, ensuring data insights remain relevant and valuable to stakeholders.   **Environment:** Power BI, Microsoft Azure Services (Azure Data Factory, Azure Data Lake, Azure SQL Database), DAX, Python, Power Apps, Power Query, Power Pivot, MSSQL, Tableau, Visual Studio 2008/2005, XML, Agile, Jira, MS Office, Requisite Pro and MS Visio   |  |  | | --- | --- | | **SQL Developer**  **XSilica Software Solutions, HYD, India**  Aug 2013 – Oct 2016 |  |   **Responsibilities:**   * Extensively performed data modeling, data analysis, and reporting tasks, leveraging **SQL** development skills to extract insights from complex datasets. * Developed SQL queries with multi-table joins, group functions, sub queries, and **T-SQL** stored procedures, enhancing data analysis capabilities. * Demonstrated proficiency in index creation and modification to improve SQL stored procedure performance. * Implemented various techniques to enhance database performance, addressing permission and performance issues with client/server database design. * Played a key role in all stages of the software development life cycle (**SDLC**) by collaborating with senior business analysts and lead developers. * Contributed to the design and documentation of error-handling strategies in **ETL** load processes using Event handlers. * Designed and developed dynamic **SSIS** Packages to efficiently transfer and load data between servers and databases. * Utilized various **SSIS transformations**, such as Slowly Changing Dimension (SCD), Lookup, Merge, Derived Column, Multicast, Conditional Split, Aggregate, Fuzzy Lookup, Pivot, and Unpivot, to meet specific client requirements. * Developed modular ETL applications to facilitate the smooth flow of data between different data sources. * Created SQL Server Reports using **SSRS**, generating matrix reports, tabular reports, drill-down, drill-through, sub reports, chart reports, and multi-parameterized reports. * Expertise in configuring, deploying, and troubleshooting SSRS reports onto the Report Server. * Utilized SSRS to render reports in PDF formats and automate batch printing of monthly statements. * Developed SSIS packages for the extraction, transformation, and loading of data into data warehouse databases. * Processed **SSAS cubes** to store data in **OLAP databases**, enabling efficient reporting and analysis. * Collaborated with team lead, technical manager, and lead business analyst to analyze report design requirements and understand business needs. * Actively participated in development, error fixing, and bug resolution during the testing phase to ensure project success.   **Environment:** MS SQL Server 2012, 2008 R2/2008, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), Business Intelligence Development Studio (BIDS), T-SQL, SQL Server Agent, DB2, Tableau, Visual Studio 2008/2005, MS Office, Visual Source Safe, Requisite Pro, TFS, MS Excel, and MS Visio | |