**Durga Sai Prakash M**

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**Professional Summary:**

* Extensive experience in the **Microsoft Power Platform – PowerApps, MS Flow** and **Power BI**. Results-oriented software engineering professional with more than **9+years** of experience in field. Well-versed in promoting object-oriented approaches to real-time software development. Analytical and detail oriented.
* Having **9+ years** of experience as **SQL / Power BI developer** and **data analyst** with **Microsoft SQL** **Server 2016/2014/2012/2008 R2/2008/2005, SSIS/SSRS/SSAS**, **Azure, OLTP, OLAP** (Different environment such as Production,UAT, and development) and **Tableau**.
* Expertise with **Microsoft Power Platforms** (Power Apps, Power Automate, Power Virtual Agent, and Power BI) to create apps, automate processes, and create enterprise solutions.
* Skilled in utilizing inventive ways to system design and functionality with a thorough knowledge of **customization, configuration, integration**, and extension as well as limitations and restrictions.
* Use custom connectors or existing ones effectively to link various systems to **Power Platform apps**; suggest and direct the creation of **APIs** for applications without native connectors.
* Working knowledge of the **SDLC;** assistance in gathering, identifying, documenting, and shaping functional requirements for development; evaluation and remediation of security vulnerability findings in solutions.
* Advance data modeling using **DAX, power query/edit query** in **Power BI desktop**, and working with custom visuals.
* Troubleshoot and support all aspects relating to refresh schedules, **data, reports** and access for **Power BI reports** and **dashboards**.
* Worked with the technical team and business users to analyze business requirements and translate them into technical specifications for **ETL** and **reporting**.
* **Power BI Tools** – power bi desktop, power pivot, power query, power view, power map, power bi dashboard, Power Apps, Power Automate, Power Virtual Agent for calculated columns and calculated measures using **DAX, data modeling**.
* Experience on IT Service Management like **ITIL**.
* 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, Common table expressions** (CTEs).
* Excellent hands-on experience in groups, hierarchies, and measures, KPIs, well verse in creating DAX **(Data Analysis Expressions**) functions in creating **Power BI dashboards reports**.
* Build solution driven dashboards by developing different chart types including Crosstab’s, **Heat/Geo/Tree Maps, Pie/Bar Charts, Funnels, Line/Area Charts, Scatter Plots, Bullet Graphs, and Histograms in Power BI Pro**.
* Using **LCM** Built some new **Power BI reports** and **dashboards**.
* 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.
* Exported the data from Tableau. Depending on the data source, extracted data from database, export CSV files, or **Tableau** export functionality.
* Involves in understanding the scope of the migration, setting objectives, and defining a timeline for the project.
* Worked on **visualization,** **reports**, and **dashboards** that were previously in **Tableau** with PowerBI.
* Worked on identifying the **visualizations**, **data source**, and calculations used in **Tableau** and recreating them in **PowerBI**.
* Experience in managing and organizing data sets in **Google BigQuery**, ensuring data integrity and accessibility for various stakeholders.
* Imported the transformed data into **PowerB**I form **Tableau**, using the **PowerQuery** to shape and load data.
* Proficiency in extracting data from various source loading it into google BigQuery data sets efficiently.
* Expert in generating on-demand and scheduled reports for business analysis or management decisions using **SQL Servers** Reporting Services **(SSRS)** and **POWER BI**.
* Good knowledge of **Data Marts, Operational Data Store (ODS), OLAP, Dimensional Data Modeling** for FACT and Dimension Tables using **SQL Server Analysis Services**.
* Expert on **Microsoft Power BI** reports dashboards and publishing to the end-users for executive-level Business Decision.
* Customized Looker dashboard with filters, Parameters, and LookML code to provide a user friendly and tailored data exploration experience.
* Proficiency in utilizing Looker to analyze data, identify trends, and extract meaningful insights that contributed to business growth or process improvement.
* experience with exceptional skills in **Microsoft SharePoint**, **Power Apps, Power Automate, Power BI** and **SQL server.**
* Participate in setting agenda for **OBIEE** Upgrade with BI reporting, BI Admins, PM to set timelines to follow for the upgrade from **OBIEE** 11G – 12C.
* Solid experience with **Microsoft365 specially SharePoint online, Microsoft Team, Power Apps, Power BI, Power Automate, OneDrive** for business and Yammer Designed.

**Professional Experience:**

**Client: Guide One, Des Moines, Iowa Mar 2021 – Jan 2024**

**Sr Power BI Developer, SQL Developer**

**Responsibilities:**

* Involved in creation of various **Business Intelligence/ Analytical Dashboards** utilising Power BI with global filters, calculated columns and measures using complex DAX calculations and transformations using Query Editor & Power Query Formula Language (M).
* Worked in **D365 HR** Project through which implemented the customisations through **PowerApps**, Power Automate and Power BI in an Internal Project.
* Worked on **AML** and compliance application support.
* Experience in extracting data from various sources using **Qlik ETL** scripts, including databases flat flies, API’s.
* Utilized **Qlik ETL** scripts to transform raw data into a structured format suitable for analysis.
* Designing in building data models in **Qlik** ensuring data integrity, relationships and optimized performance for reporting.
* Worked on developing custom **ETL** components in **.NET**, **C#, VB.NET** enhance data extraction, transformation, or loading.
* Proficient in establishing database connections within .**NET** for **ETL** purpose ensuring efficient and secure data retrieval and manipulation.
* Worked on **SAP** **Data service** as a comprehensive **ETL** tool for extracting, transforming, and loading between. Various points.
* Worked on maintaining **LCM reports** - enhancements to **Life Cycle** Management reports in **EBS**.
* Built new Power BI reports and dashboards in **LCM**.
* Created **conceptual, logical** and **physical data** models and entities for use in different business areas.
* Created Employees Portal by using **Power Apps.**
* uses understand **ITIL** Methodology to analyse and streamline existing business process and assist in creation of new business process.
* Worked on **Jira** to maintain projects, creating workflow and configuring custom schemes to streamline project.
* Experience in using **Agile project management** tools like, Jira, Trello, for tracking progress, managing backlogs.
* Created and managed **Jira** filters and queries to generate reports for project analysis and decision making.
* Expertise in implementing incremental data loading techniques using **Qlik ETL** scripts to efficiently update the **QVD** and keep them synchronised with the source data.
* Experience in scheduling and automating data synchronising tasks using **Qlik ETL** scripts to keep Power BI report up to date.
* Designed **PowerBI reports** involves creating **visualization**, **dashboards**, and layout that mirror or enhance the **Tableau reports**.
* Proficiency in **SAP HANA** and related tools or technologies such as SAP BusinessObjects, SAP BW or SQLScript.
* Expertise in utilizing a rang **AWS** services, including but not limited to EC2, S3, RDS, Lamda.
* Proficiency in setting up and managing testing environments in **AWS**, utilizing services like **AWS** Elastic Beanstalk or AWS Code-build for continuous integration.
* Worked on **UI** design, creating narrative that guided users through the insights presented in the reports.
* Developed users maps to inform **UI/UX** design decisions and ensure a user-centric approach throughout the design process.
* Created in **UI/UX** design considering diverse user demographics and implementing features to enhance accessibility for all users.
* Expertise in integrating data from various sources into **SAP HANA**, including ETL processes and data cleansing.
* Created multiple Canvas Apps in Power Apps synced with **Power Automate.**
* Created Multiple Notification Flows using **Power Automate**.
* Worked on some legacy reports - like **Blitz reports**, BI Publisher reports.
* Build and automated **Power BI** reports for the payroll department through which company was able to reduce 20-man hours of data cleansing and creating report in excel for every month.
* Worked extensively building Power BI Dashboards with quick insights into KPIs and **Advance analysis actions, Calculations, Parameters, Maps** and **Scatter plots**, Predictive Analysis using **Python** and **R integration.**
* Used Trend Lines Statistics and Log Axes, Groups hierarchies, time intelligence to create detailed and summary level reports and Dashboards with KPIs using **Power BI.**
* Worked on Power BI dashboards using **stacked bars, bar graphs, scattered plots, waterfall charts**, **geographical maps, Gantt charts** using show me functionality.
* Worked on Business Objects (**BO**) reporting tool to convert Web BO reports into **OBIEE** Answers requests and Dashboards.
* Worked on testing of reports thru Business Objects (**BOBJ**)and PowerBI to ensure, accuracy, completeness, to specific requirements.
* Validated data source feeding into Business Object (**BOBJ**) reports to check integrity and reliability for decision making processes.
* Performed end to end testing, validating the seamless integration between data sources, ETL process and Business Object **(BOBJ)**reporting tools.
* Ability to Integrate PowerBI with **Azure** services like **Azure AWS** SQL Database, Azure Data Lake storage.
* Worked with **Azure AWS**  SQL Data warehouse or **Azure synapse**, emphasis in designing, implementing and optimizing data.
* Custom **SSRS 2012** reports as well as some Tableau reports for large customers and senior executive leadership.  construction of user-facing sybase presentation tools, such as Microsoft **SQL** Server Reporting Services **(SSRS)** reports.
* Experience with the data orchestration and **ETL** processes using **Azure AWS**  Data Factory.
* Strong command of SQL for data retrieval, modification, and optimization in **PostgreSQL**.
* Publishing of various kinds of live interactive data visualisations dashboard reports and workbooks from **Power BI Desktop** to **Power BI servers**.
* Generated ad-hoc reports in Excel Power Pivot, developed use cases and resolved issues deploying forecasts in **Tableau** to the decision makers for strategic planning.
* Developed POCs using Process Cloud Service, OBIEE Cloud Service.
* Conducted Training sessions for Power BI users and created the documents for end user support.
* Successfully completed migration from **SharePoint 2013** to **Microsoft 365** using **Metalogix migration tool.**
* Built and deployed a complex solution with **flows, apps,** and **entities.**
* Built Multi Level Approval Workflow in **Power Automate**
* Created and enforced Environment -level **Data Loss Prevention policy (DLP)** to control data that can be imported or exported.
* Extensive experience in the **Microsoft Power Platform** – **MS PowerApps, MS Power Automate** and **PowerBI.**
* Design and development of **OBIEE** RPD through the three layers (Physical, Business model and Presentation Layers).
* Import and **export flows, share flows** and **Monitor flows.**
* Implemented various **AI Builder** actions in **Power Automate** and configured properties.

**Client:** **Mazda, Irvine CA Apr 2018 – Mar 2021**

**Sr Power BI Developer, SQL Developer**

**Responsibilities:**

* Performed rigorous & quantitative analytics on large, complex datasets and provide strategic insights, hypotheses, and conclusions using **R, Python and SQL**
* Implementation and delivery of MSBI platform solutions to develop and deploy ETL, analytical, reporting on **SQL Server 2008 using SSAS, SSIS, SSRS.**
* Worked on ITIL and other aspects of IT service management**.**
* Experience in test automation tools for database testing on both MS SQL Server and Oracle,
* Automated the **CRUD** operation of User's in **Azure** AD through **Power Automate/Logic Apps**.
* Programming languages **(OOPS)** concepts abstraction, encapsulation, inheritance, polymorphism in **C#.**
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#, Entity Framework and SQL.
* Built various AML reports and dashboards using **SAS** and **TABLEAU**.
* Experienced in SDLC life cycle for Design, Development and Staging phases of the projects with support of **Dataflow**, **Process Models**, and **E-R Diagrams**.
* Understanding OLAP process for changing and maintaining the Warehouse, Optimizing Dimensions, Hierarchies and adding the Aggregations to the Cube.
* Created Data Warehouse schema to deploy fact and dimension table and defined Referenced relationships with the measure groups and fact tables.
* Ability to generate **QVD files**, which serves as optimised data sources for **Qlik** applications, improving data load and query performance.
* Designed **PowerBI reports** involves creating **visualisation**, **dashboards**, and layout that mirror or enhance the **Tableau reports**.
* Worked with the technical team and business users to analyze business requirements and translate them into technical specifications for **ETL** and **reporting**.
* Understood the existing ETL and relational database framework and Scheduled Packages using SQL Server Agent Jobs.
* Proficiency in setting up and managing testing environments in **AWS**, utilizing services like **AWS** Elastic Beanstalk or AWS Code-build for continuous integration.
* Created in **UI/UX** design considering diverse user demographics and implementing features to enhance accessibility for all users.
* Created and managed **Jira** filters and queries to generate reports for project analysis and decision making.
* Integrated **Jira** with other tools, such as confluence, to create a seamless ecosystem for projects.
* Generated ad-hoc reports in Excel Power Pivot and sheared them using **Power BI** to the decision makers for strategic planning.
* Utilized Power Query in **Power BI** to Pivot and Un-pivot the data model for data cleansing and data massaging.
* Worked on testing of reports thru Business Objects (**BOBJ**)and PowerBI to ensure, accuracy, completeness, to specific requirements.
* Expertise in implementing incremental data loading techniques using **Qlik ETL** scripts to efficiently update the **QVD** and keep them synchronised with the source data.
* Store all source code in the Team Foundation Server **(TFS)** and update development status in the TFS timely.
* Come up with different test scenarios for automating **Unit test cases**, Build verification test cases and Environment test cases.

**Client: Cognizant Technologies Solutions (WR Berkley) IN Dec 2016–Jan 2018**

**Power BI Developer, SQL Developer**

**Responsibilities:**

* Automated the **CRUD** operation of User's in **Azure** AD through **Power Automate/Logic Apps**.
* Requirement Analysis and data modelling in **Power BI**
* Experience in the analysis, design, development, testing and implementation of enterprise scale apps.
* Experience in developing new Power Apps model and canvas driven apps as well as enhancing existing apps.
* Built various AML reports and dashboards using **SAS** and **TABLEAU**.
* Guided and participated the mapping exercise for attributes used by AML from the source SWIFT, FED-WIRE to AML system through their data warehouse.
* Created multiple Canvas Apps in Power Apps synced with **Power Automate.**
* Created Multiple Notification Flows using Power Automate.
* Created Flow which will Automate to Map the User with Worker in **D365 HR.**
* Created Payroll Report, Timesheet report with position hierarchy and expenses and hours per customer.
* Developed and provided technical solutions for day-to-day operations and long-range strategic planning of scheduling and finance system for users.
* Proctored both online and in-person technical training courses on **Power Apps,** supporting client scales ranging from individuals to groups of 20.
* Involved in Multiple Projects **in designing, building** and **testing** solutions in power app platform and then transported solution from development environment to other environments.
* Used **SharePoint Designer 2013** and developed several complex Workflows and associated them with related team/departments to set Status, **Complexity**, Overall Status field values by handling Third Party Vendor’s updates.
* PowerApps Built **Canvas & Model Driven Apps** for Field Service Teams, from design to completion.
* Performed full and incremental migration from on premise **SharePoint server 2013** to SharePoint online using Share-gate.
* Converted InfoPath based forms into **Power app** forms.
* Prepared a guide for end users on new user experience in list, document **library, pages, web-parts** and other objects in **SharePoint Online**
* Configured and created **web application, Site collections, sites, lists, document libraries, pages, views** to collaborate.
* Utilised Microsoft Teams to create **Channels, Groups, meetings**, and manage users' permissions on **Teams meetings & chat.**
* Used SharePoint **framework**, PowerShell and windows command prompts to deploy **SharePoint solutions** to testing and production environments.
* Used **SharePoint framework, PowerShell** and windows command prompts to deploy SharePoint solutions to testing and production environments.

**Client: Accenture Solutions-Hyderabad, IN June 2014-Nov 2016**

**MSBI, SQL Developer**

**Responsibilities:**

* Analysed batch processing performance and suggested improvements where appropriate.
* Involved in the development and implementation of **SSIS** and **SSRS** application solutions for various Business units across the organisation.
* Developed dashboards using **Power BI**.
* Used **SSAS** tabular Model for **Power BI** and **excel reporting** applications.
* Generated ad-hoc reports in Excel Power Pivot and shared then using Power BI to the internal teams for strategic planning.
* Designed **Power BI data visualisation** utilising **cross tabs,** **maps**, **scatter plots,** **pie, bar**, and **density charts.**
* Created SSIS Packages to load data from sources like Flat files, **Excel, OLEDB**, and **Oracle** to **SQL Server**.
* Scheduled jobs for executing the stored **SSIS packages**, which were developed to update the database on daily basis using **SQL** Server Agent.
* Improved the performance of **SSRS** reports by tuning the Stored Procedures and **T-SQL** queries and created **XML, PDF, EXCEL** files using **SSRS**.
* Created SSIS packages with different control flow options and data flow transformations such as Conditional Split, Multicast, Union all and Derived Column etc.
* Created indexed views and worked on slow running SQL queries to improve performance.
* Translated the Business requirements into workable functional and non-functional requirements at detailed production level using **Workflow Diagrams**, **Sequence Diagrams, Activity Diagrams** and Use **Case Modelling**.
* Developed various reports **like Charts, Tables, Matrix, Sub reports** and reports using single value parameters, multi- value parameters with Queried and Non-Queried parameters.
* Developed stored procedures using **T-SQL** to retrieve data and used it to generate ad-hoc reports.
* Created **SSRS** report templates for report development and mentoring others in my team for complex **SSRS** reports.