Gowthami Mamidi

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As a highly skilled Power BI Developer with **6+ years** of experience, I bring solid expertise in SQL, Power BI, Crystal Reports. My in-depth knowledge of these tools and technologies allows me to design and develop highly effective business intelligence solutions that meet the needs of my clients.

Throughout my career, I have worked on various projects that involved the development of complex data models, ETL processes, and data visualizations. I am adept at creating interactive dashboards and reports that provide actionable insights to decision-makers, enabling them to make informed business decisions.

I am proficient in using various data warehousing techniques, including dimensional modeling and data marts, to create robust data architectures that support complex reporting and analysis requirements.

# Technical Skills

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| **Database** | MS SQL Server, MS Access, Oracle |
| **Programming Languages** | T-SQL, PL-SQL, DAX (Power BI), MDX (Power BI) |
| **ETL Tools** | SQL Server Integration Services (SSIS), Data Transformation Service, |
| **Reporting Tools** | Crystal Reports, Power BI, SQL Server Reporting Services  (SSRS), Report Studio |
| **Database Tools** | SQL Server Management Studio, Oracle SQL Developer, TOAD |
| **SQL Server Tools** | SQL Server Business Intelligence Development Studio, Enterprise  Manager, SQL Profiler, Query Analyzer, Import & Export (DTS), SSAS |
| **Other Tools** | MS Office Suite (MS Word, Power Point, MS Visio, etc.), TFS, JIRA, Zendesk, Azure DevOps |

# Professional Summary

* Over **6+ years** of experience in the development of Reports utilizing BI applications like Power BI, Crystal Reports, SQL Server, and professional experience as a business analyst with experience in complete software development life cycle using Agile Methodology.
* Professional understanding of various Stages of Software Development Life Cycle (SDLC) processes such as Analysis, Design, Development, Testing, and Implementation.
* Worked on various reports using multiple RDBMS including Oracle, MS SQL Server 2016, and MS Access and associated SQL Dialects such as Toad, Transact SQL (T-SQL), PL/SQL etc.
* Proficient in writing complex T-SQL (DDL, DML), new features like CTE, Ranking Functions, TOP(n), PIVOT, XML PATH, SQL, Physical, logical database design, and Performance tuning.
* Developed complex and customized Stored Procedures and Queries for implementing business logic and process in backend, for data extraction, reports and other client interfaces.
* Experience in developing Dashboard Reports, Parameterized Reports, linked reports and Sub reports by Region, Year, Quarter, Month and Week using Power BI
* Experience in Generating ad-hoc reports in Power Pivot and shared them using Power Bl to the decision makers for strategic planning and data driven subscription reports by using Report Builder.
* Excellent analytical and logical programming skills with a good understanding at the conceptual level and possess excellent presentation, interpersonal skills with a strong desire to achieve specified goals.

# Professional Experience

## Power BI Consultant | Aptys Solutions | Atlanta, GA | December 2021 – Till Date (REMOTE)

* Interacted directly with Corporate Accounting Team, Financial planning, and Analysis team to gather and analyze requirements to understand their reporting and dashboard needs.
* Created SSIS packages for loading data from different databases into the SQL Server data warehouse using SQL Server Integration Services (SSIS). Created Jobs in SSIS and was responsible for scheduled ETL jobs to run daily.
* Created ETL pipelines, Data flows and Control Flows using Azure data factories.
* Identifying continuous improvement options for data warehouse including performance improvements and scheduling options.
* Created and maintained different database objects like Stored Procedures, Tables, Views, and functions to implement complex logic for report development.
* Developed and maintained Power BI reports, Dashboards using different sources like SQL Server based on the business needs.
* Added calculated columns, and measures as per the requirements using DAX Formulas like CALCULATE, FILTER, SWITCH, SUMMARIZE, Time Intelligence functions, etc...
* Created various visualizations using bar graph, line graph, Pie chart, Donut chart, World map to depict different KPIs and compare Budget and Actual amounts by department, region, groups, and Accounts.
* Implemented Row level security using Roles to restrict data access in Power BI reports.
* Published reports to the required workspaces and made them available to Business users.
* Scheduled auto refresh using enterprise gateway to update data in Power BI service.

Implemented testing by writing test cases and also assisted users in testing the reports and fixed bugs and made enhancements accordingly.

**Environment:** *Microsoft SQL Server 2018, SSMS, SSIS, Power BI, Visual Studio, Excel, TFS, Azure DevOps.*

## Power BI Developer | Direct Supply | Milwaukee, WI | June 2019 – November 2021

* Developed and maintained Dashboards, standard reports and Ad-hoc reports using Power BI for Financial Team and Critical Environment Teams.
* Used Various data Sources like SQL Server, Excel, and SharePoint lists to import data into Power BI desktop.
* Written complex DAX formulas using CALCULATE, FILTER Functions, Time Intelligence functions, etc... in Power BI desktop.
* Worked on all types of transformations (Filtering Data, Pivot & Unpivot, Group by, Text Transformations and Date & Time Transformations, etc.…) that are available in Power Query.
* Created SQL Objects like Stored Procedure and Views to transform the data as per the requirements of the report. Extensively used SQL Queries using JOINs, Sub Queries, CTE functions to get data from multiple tables and performed tuning on existing queries.
* Used Power BI (Power View) to create reports that depicts OKRs, Critical KPIs and the incident tracking for CE Team on Daily, Monthly, Quarterly and Yearly basis.
* Used Power Query (Query M Language) and Power Pivot to develop data analysis prototype and used Power view and Power map to visualize reports.
* Implemented Row level security and groups to restrict data access in Power BI reports.
* Scheduled auto refresh using enterprise gateway to update data in Power BI service.
* Shared reports and dashboards to multiple users/groups utilizing apps, content packs and email in Power BI services.
* Worked in an Agile environment to implement reports and dashboards in both real time and scheduled process.
* Created Features, User Stories and Tasks in Azure DevOps and planned sprints biweekly.
* Interacted with business users for testing and fixed bugs and made additional enhancements required.

**Environment:** *Microsoft SQL Server 2018, SSMS, SSAS, Power BI, Visual Studio, Excel, Azure DevOps.*

## Power BI Developer | Heitman | Chicago, IL | Nov 2018 – May 2019

* Interacted directly with users to gather and analyze requirements for new report development and enhancements.
* Participated in meetings with project managers and team members to analyze business requirements and outline the proposed solution.
* Created Stored Procedures, User defined functions and views to import data into Power BI. Also optimized already existing SQL Objects.
* Used SSIS to extract data from Excel files, cleaned and transformed data and then loaded it into the database. Ran SSIS packages daily and debugged them if failed.
* Used various Data sources such as SQL Server, Oracle, Excel, etc., to import data into Power BI desktop.
* Developed Complex DAX functions to generated calculated columns and measures in Power BI Desktop.
* Used Power Query and Power Pivot to develop data analysis prototype and used Power view and Power map to visualize reports.
* Published Power BI reports in the required workspaces and made available to Business users.
* Created various analytical dashboards that depicted critical KPIs using various visuals like bar graph, line graph, Pie chart, Donut chart, World map.
* Installed and Configured Enterprise gateway and Personal Gateway in Power BI Service and scheduled automatic refresh.
* Implemented TFS for version control and change management of BI solutions.
* Performed weekly demos of the reports to the business users and made enhancements as required.

**Environment:** *Microsoft SQL Server 2016, SSMS, SSIS, Power BI, Visual Studio, Excel, MS Azure, Azure DevOps.*

## Reporting Developer | Coyote Logistics | Chicago, IL | May 2016 – Oct 2018

* Interacted Directly with Business users to analyze requirements for new development and enhancement/ change requests and was involved in creating stories in JIRA.
* Developed different types of Crystal Reports including Standard, Summary, Cross-Tab, Sub reports, Conditional, Drill down, Summary. Also created reports involving Pie charts and Bar graphs
* Enhanced/ Modified existing Reports as per the new business logic and users’ requests.
* Developed and maintained different database objects like Stored Procedures, Functions, Views, and Triggers using T-SQL. Also modified existing Database objects as part of Performance tuning
* Migrated Crystal Reports from Oracle database to SQL Server Database by extracting PL-SQL Code from the report and converting into a Stored Procedure compatible with SQL Server
* Used Dynamic SQL and Open Queries while using Linked servers to improve performance.
* Performed Query optimizations to increase performance by tuning SQL Queries using Execution plans.
* Scheduled and published Crystal reports on a daily/monthly basis using BI Launchpad.
* Designed and developed Power BI graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
* Utilized Power BI (Power View) to create various analytical dashboards that depicts critical KPIs such as Total Members, New Members, Dropped Members, service activities performed by clubs along with slicers and dicers enabling end-user to make filters.
* Generated ad-hoc reports in Power Pivot and shared them using Power BI to the decision makers for strategic planning to reduce drop members and to attract new members.
* Utilized Power Query in Power BI to Pivot and Un-pivot the data model for data cleansing.
* Implemented Several DAX functions for various fact calculations for efficient data visualizations in Power BI
* Utilized Power BI gateway to keep dashboards and reports up to-date with on premise data sources.
* Created Dashboard reports using Microsoft Mobile Reports Publisher to analyze quarterly and yearly performance of Membership and Service activity data.
* Scheduled and published Crystal reports on a daily/monthly basis using BI Launchpad.
* Worked with QA team and Web team during testing and QA for Web Reports.
* Implemented code check-in/check-out and managed multiple versions of complicated code with TFS. Used TFS for managing source code changes.
* Analyzed and resolved tickets and successfully deployed the fixes to production. Zendesk and MyService desk were used for managing tickets and workflows.
* Involved in creating and managing Change control requests for our team to move Reporting and Database changes to production.
* Practiced Agile methodology for development.
* Actively participated in Agile sprints and scrum Meetings.

**Environment:** *Microsoft SQL Server 2016, Crystal Reports, SSMS, SSRS, Power BI, Visual Studio, Excel, Data Profiler, BI*

*Launchpad, Microsoft Mobile Reports Publisher TFS, Zendesk, My service Desk, JIRA.*

# Education

## Master of Business Administration (MBA) | JNTU, Andhra Pradesh, INDIA