Sumanth Pola

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**PROFESSIONAL SUMMARY**

* Around 7 Years of IT Experience inMicrosoft Business Intelligence stack including**SQL Server** 2012/2014/2016, Integration Services (SSIS), Analysis Services (SSAS) and Reporting Services (SSRS). CRM tools including Salesforce.
* Hands-on experience with data visualizing tools like**business intelligence**,**Power BI**, **Tableau, IBM Cognos**. Published reports using Power BI service and Tableau desktop and Tableau Server.
* Strong Dashboard design experience and passionate practitioner of effective data visualization. Familiarity with best practices around visualization and design.
* Hand on experience in writing calculated columns and measures using MDX and DAX query language.
* Implemented cell level security in cubes using MDX expressions to restrict users of one region viewing data of another region using SSAS.\ Designed, reviewed, and created primary objects (views, indexes, etc.) based on logical design models, user requirements and physical constraints.
* Experience as Tableau administrator, developing in, configuring and administering Tableau Server.
* Strong understanding of the various supported Authentication security models for Tableau Server including Tableau Desktop.
* Experienced in working closely with Business Users to enable business processes using SFDC.
* SQL Development, ability to write and troubleshoot SQL Code and design (stored procedures, functions, tables, views, indexes, constraints). Working knowledge in projects using SQL Server Always On high availability groups. Debugging and performance tuning of SQL queries.
* Data modeling experience using ER diagram, Dimensional data modeling, Star Schema modeling, and Snow-flake modeling.
* Experience in writing complex SQL queries involving multiple tables, inner and outer joins, and stored procedures.
* Experience in using data modeling tools like MS Visio and Erwin Tool for logical and physical design of databases.
* Understanding of business world including management sciences, leadership skills, marketing and financial analysis i.e. Balance sheet, Income statement, cash flows, working capital etc.
* Experience in Database Development and Release Management Concepts, Practices and Procedures along with Performance Tuning Database Code in OLTP and OLAP environments.

**EXPERIENCE**

**Client :The Home Depot** (June 2020 – Present)

**Midlevel Tableau Designer/Developer – Mid Level,**

**Responsibility :**

* Design and develop interactive data visualization and dashboards and report generation and automate the reporting in **Tableau**.
* Work Cross-functionally as needed to provide solutions that best meet the analytics and reporting needs of the business.
* Ability to work with business to deliver Interactive dashboards in **Tableau** and clean the data using Tableau data Prep, as well as to train and evangelize the use of visualization within the client business area.
* Ability to recommend visualization features/designs most appropriate to data and analysis needs of business users.
* Strong ability to develop complex **SQL** queries, scripts, user-defined functions and views for business logic implementation.
* Implement processes and systems to monitor data quality, ensuring production data is always accurate and available for key stakeholders and business processes that depend on it.
* Identify, design, and implement internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability, etc.
* Tableau administrator, developing in, configuring and administering Tableau Server.
* Creating the scheduled refreshes and subscription emails for the dashboards to the user.
* Creating the Row level security for the dashboards as a Tableau Admin.
* Worked with Smartsheet’s data and pulled that data into Tableau to build the reports.
* Ability to assess the best engineering approach data prep in Tableau and implement **ETL**, ELT Transformations, triggers, stored procedures, or other methods to support optimal **SQL** data warehousing structuring.
* Design and implementation of low-latency, high-availability and performant data modelling solutions in **SQL Server**, **MySQL** and **Google BigQuery**.
* Managing multiple business data sources and merging them into **MySQL**,**BigQuery** to analyze insights for better decision making.
* Creating and writing business logic into stored procedures, views, functions in SQL Server and **MySQL** databases and exposing them to the application layer.
* Used Alteryx for Data Processing to read and write the data.
* Implementation of security and data protection for the **APIs** that are hosted on cloud using **Python**.
* Perform descriptive statistics on different datasets with over millions of rows using Python, Excel to uncover patterns.
* Managing the delivery of complex development efforts from design through to release.
* Contributing to the technical solution from design through to code level.

**Environment:** My SQL, Google Big Query, Google Analytics, Tableau Data Prep, Tableau Desktop,

Tableau Online.

**Client :Flexsteel Industries Inc..,** (April 2019 – April 2020)

**Tableau Designer/Developer**

**Responsibility :**

* Involved in designing and implementing database applications using MS SQL Server 2012 and Business Intelligence (BI) tools to support transactions and business decision-making.
* Worked with Business Team (End Users) and gathered all the BI Reports requirements.
* Worked with Alteryx to Manipulate and analyze the data.
* Created Dimensional Model (Star/Snowflake Schema) according to the requirements specifications.
* Developed and designed **MicrosoftSQL Server** Database in the backend.
* Connected the data from Microsoft SQL server to Tableau desktop
* Developed a variety of reports like **Bar, Pie, Stacked Column Chart, Table visualizations** and created the dashboard with the required sheets.
* Understanding and showcasing user preferences, personalization services with User experience.
* Published the Tableau desktop reports into **Tableau online** and scheduled the refresh daily.
* Subscribed the users for the dashboard so that the subscribed users will get an email from Tableau as a snapshot of the report.
* Scheduled refresh is done through **Tableau Bridge** because the **SQL server** data source is in Onprem and the dashboards are in Tableau Online.
* Working with QA team on the Defects assigned and Test Case review.
* Monitor Job Scheduling activities and create Implementation and back out plan documents for the deployment
* Participate in UAT with end users to provide them technical guidance and data set up needs.

**Environment:** Microsoft SQL Server, Tableau Desktop, Tableau Online, Tableau Bridge

**client :Miracle Software Systems** (Sept 2018 – Mar 2019)

**Business intelligence Designer/Developer,**

**Responsibility :**

* Involved in designing and implementing database applications using MS SQL Server 2012 and Business Intelligence (BI) tools to support transactions and business decision-making.
* Worked with Business Team (End Users) and gathered all the BI Reports requirements.
* Developed and designed **Microsoft SQL Server** Database in the backend.
* Designed and Implemented the SSIS Process to load data from **FLAT FILES, EXCEL, XML Files and** other Databases**.**
* Imported the data from databases to tableau Desktop.
* Developed a variety of reports like **Bar, Pie, Stacked Column Chart, and Donut chart** and pinned them to dashboard.
* Worked with custom visuals like **Radar Chart, Sunburst chart** and **Calendar visual**.
* Published the reports to **Tableau Server** and provided access to Business Users.
* Working with QA team on the Defects assigned and Test Case review.
* Monitor Job Scheduling activities and create Implementation and back out plan documents for the deployment
* Participate in UAT with end users to provide them technical guidance and data set up needs.

**Environment:** Microsoft Azure SQL Server, Tableau Desktop, Tableau Server, XML, SSIS, SSAS

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| --- | --- |
| Methodologies | Agile, AWS, SAFE, Scrum, |
| Project management tools | JIRA, servicenow , AWS databases, Microsoft Azure |
| BI Tools | Tableau, Power BI, Crystal Report, XSL-FO, MS Visual Studio, congos Data analysis, visulisation SQL, DAX, M Query, Dataflows and Datasets, ADL. ADF, Smartsheets |
| Modeling Tools  | Data modeling and Sql querying |
| ETL Tools | SSIS, Informatica , Alteryx, Powerapps, data mapping |
| Documentation Tools  | SharePoint, Swagger, Confluence |
| Web Technologies  | XML, JSON, HTML, SOAP, RESTful  |

**Client :Miracle Software Systems** (Jan 2017 – Aug 2018)

**Power BI Developer,**

**Responsibility :**

* As part of the team, I was involved through the Software Development Life Cycle **(SDLC)** from initial planning through implementation of the projects.
* Created Dimensional Model (Star/Snowflake Schema) according to the requirements specifications.
* Gathered the data from **financial force ERP** system into **Power BI**.
* Connected the salesforce data into Power BI and created the data model in star/snowflake schema according to the Business requirement. Published the reports to **Power BI** and provided access to Business Users.
* Developed the scheduling reports using **M-Query**.
* Working with QA team on the Defects assigned and Test Case review.
* Monitor Job Scheduling activities and create Implementation and back out plan documents for the deployment.
* Participate in UAT with end users to provide them technical guidance and data set up needs.

**Environment:** Salesforce, Financial force, Power BI, M-query, SSIS, SSAS.

**Client : AMG Technology** (Mar 2016 – Jan 2017)

**Business Intelligence Developer**

**Responsibility :**

* Knowledge on Rational Unified Process (RUP) methodology, Use Cases, Software Development Life Cycle **(SDLC)** processes, and Project Charter.
* Worked along with other team members to provide visibility of any requirement change and maintained tractability among requirements.
* Assisted in developing analytic tools such as reports, and dashboards used by management to gain insight into complex business circumstances.
* Document Business Requirement Document **(BRD)**, Technical Requirement Specification **(TRS)** and Function Requirement Specification **(FRS)**.
* Acted as scrum master in **agile scrum** SDLC process, facilitated scrum ceremonies and daily standup meeting.
* Developed BI reports which helped in finding patterns and creating metrics to analyze daily unit operations.
* Participate in UAT with end users to provide them technical guidance and data set up needs.

**Environment:** Power BI, Agile SCRUM, SDLC, BRD, TRS, FRS.

**Client :VSigma, India** (Jul 2014 – Aug 2015)

**Programmer Analyst,**

**Responsibility :**

* Primary responsibility is designing, developing and implementing **SSRS** reporting for Business Intelligence, Financial and Operational Reporting for the enterprise.
* Experience in Creating page layouts, search layouts to organize fields, custom links, related lists and other components on a record detail.
* Analyzing the current requirement process, identifying problems and making recommendations to improve the process.
* Maintain internal **SSRS** dashboard reports for immediate management, business analysts and direct clients.
* Created different types of reports like Sub reports, Drilldown, Drill through, Chart Reports.
* Working with QA team on the Defects assigned and Test Case review.
* Monitor Job Scheduling activities and create Implementation and back out plan documents for the deployment.
* Worked on **Power BI** and **Tableau** created Reports/Dashboards using different type of Slicers and different Visualizations like Bar Charts, Line Charts, Graphs, and Pie Charts etc. to make it more attractive and explored data in a Variety of ways and across multiple visualizations using Power BI.
* Developing multiple kinds of **Power BI** Reports and Dashboards. Analyze data in a Variety of ways and across multiple visualizations using **Power BI**.
* Participate in UAT with end users to provide them technical guidance and data set up needs.

**Environment:** SQL, Power BI, Tableau, SSIS, SSAS, SSMS.

**EDUCATION**

**Lawrence Technological University - Southfield, Michigan, USA** (May 2017)

 Master of Science in Information Technology – GPA 3.4

**Jawaharlal Nehru Technological University, Kakinada, A.P**, **India** (June 2014)

 Bachelor of Technology in Computer Science Engineering – GPA 3.2

**TECHNICAL SKILLS**

**Database/ETL Tools:** SQL Server 2012/2014/2016, SSIS, SSAS, SSRS, Oracle 10g/11g, MySQL,

 Google Big Query, Snowflake, Tableau Data Prep

**Data Analytics & Visualization**: Power BI (Desktop & Service), Tableau (Desktop & Server), Power View & Power Query, IBM Cognos, Google Analytics

**Languages:** C, C++, Java, Python

**IDE:** Eclipse, NetBeans, Visual Studio, Jupiter

**Scripting Languages:** JavaScript, HTML, PHP, Apex

**Operating Systems:** Windows Vista/XP/7/8/10 Server, MacOS, Linux, Ubuntu

**Project Management:** Agile/Scrum, JIRA, MS Project Server 2016, Analytics Pivotal Tracker

**Data Modeling Tools:** Erwin, MS Visio, Lucid Charts

**CRM Tools:** Salesforce, Financial force

**ACADEMIC PROJECTS:**

Lawrence Technological University, Southfield, Michigan (Jan 2016 - May 2016)

**Database Management System**

* The main objective of this course was to design and develop the database and use that database in any web application.
* Created the Travel Database using SQL Server in which we created the different tables that are involved in creating the database.
* Developed the data model and cardinality between the tables.

Lawrence Technological University, Southfield, Michigan (Aug 2016 - Dec 2016)

**Visual Analytics**

* The main objective of this course was to use the Tableau reporting tool and create the Visualizations for NCAA March Madness Machine Learning.
* We collected the data from Kaggle website and imported the data into Tableau.
* Developed the visualizations by using the Customizations like placing an image in visualizations etc.,