**Sranoosha Methuku**

**BI Developer/Data Analyst**

**Sranooshapowerbi@gmail.com**

**(901) 667-7028**

**Profile Summary:**

* Almost 10 years of IT experience in Application development in designing, developing, and implementing in Microsoft Business Insights Development and Client-Server Applications.
* Experience in developing self-service BI platform for financial analysts to Analyze and interpret monthly variances and trends between budgets, actual and prior results in developing projections and forecast.
* Expertise in **designing and developing dashboards** using **Tableau** **Desktop**, **Tableau** **Server** and **Business** **Objects** as well as designing, developing, and publishing visually rich and intuitively interactive Tableau workbooks.
* Over 5 Years of experience in creating complex dashboards using different tools.
* Developer many **Tabular Model** using **DAX** calculations in **VS SSAS**.
* Very good knowledge of CMMI quality processes and development methodologies like - **Agile**, **Scrum**, **Test-Driven** development.
* Experienced with Entity relationship Diagram (ERD), Use Case diagrams and Sequence diagrams using UML with **MS VISIO**.
* Expert in creating different Visualizations **using Bars, Lines and Pies, Maps, Scatter Plots, Gantts, Bubbles, Histograms, Bullets, Heat maps** and **Highlight** tables**.**
* Familiar with Alation, an advanced data catalog platform, which is advantageous for comprehending the capabilities and intricacies involved in migrating from Intelligent Automation (IA) and IBM Information Governance Catalog (IGC) to Alation
* Knowledge in Statistical Analysis System (**SAS**).
* Ability to deliver BI solutions through integration of BI suite of products (**SSIS/SSAS/SSRS**)
* Researched new technologies, evaluated their usefulness, and incorporated them into the existing architecture.
* Skilled in creating **SSIS** **packages** providing specific functionality like Data Profiling and Data Cleansing for a clean ETL process and populating Data Warehouse and Data-Marts.
* Ability to work in the complete software development life cycle involving development and testing.
* Experience in designing star schema, Snowflake schema for Data Warehouse, ODS architecture.
* Developed **T-SQL scripts** for performing automation tasks, Performed and fine-tuned Stored Procedures and SQL Queries and User Defined Functions.
* Highly motivated, detail oriented, has ability to work independently and as a part of the team with excellent Technical, Analytical and Communication skills.
* Good at interpersonal skills, committed, result oriented, hard working with a quest and zeal to learn new technologies.

**Education:**

* **M.S. in Engineering, 2015**

Bridgeport University, CT.

* **B.Tech. in Engineering, 2013**

JNTUH, Hyderabad, India

**Technical Skills:**

|  |  |
| --- | --- |
| Area | Skill Set |
| Languages | Database Query Languages - DAX, PL/SQL, T-SQL, SAS.  Programming Languages - C#.Net, VB.Net. |
| Platforms/ Applications | Microsoft Technologies – Power BI, SSMS,SSIS,SSRS,SSAS. |
| Database’s | SQL Server 2012/2014/2016, PL/SQL, SQL, KQL |
| Software | Database Tools - Microsoft SQL Server 2008/2014/2016,  Version Controls –VSS, TFS. |
| Operating Systems | Windows 7/ 2000 / XP, Windows Server 2008, Windows Server 2010 |
| Reporting Tools | SQL Server, ETL, Business Intelligence Development Studio (SSIS, SSRS, SSAS), Power BI, Tableau Server, Tableau 10.x/9.x/8.x, Tableau Reader. |
| Software Process Model | Traditional Waterfall Model, Agile Development (Scrum Process) |

**Professional experience:**

**Comcast, Remote May 2022– Present**

**Data Analyst**

**Roles and Responsibilities:**

* Analyzed business requirements and created functional requirements specifications to build and deploy solutions.
* Created **Tableau scorecards** and **dashboards** using stack bars, bar graphs, scattered plots, geographical maps, heat maps, bullet charts, Gantt charts demonstrating key information for decision making.
* Translated business needs into data analysis, business intelligence data sources and reporting solutions for various clients.
* Developed advanced Tableau dashboards with quick/context/global filters, parameters and calculated fields that allowed to track and improve customer units KPI by 12% within a month.
* Automated reports and data ingestion processes for 5 main finance reports using **SQL** and **Excel VBA**.
* Supported the development and modification of Tableau views in **Tableau Desktop 10**, while preparing documentation and training users from respective units
* Worked on weekly, monthly, and annual marketing reports. Special reports and analyses to support the business as necessary.
* Executed comprehensive data profiling initiatives, deploying advanced techniques in data quality rule implementation, metadata management, and data governance, leveraging Intelligent Automation (IA) and IBM Information Governance Catalog (IGC).
* Identifies issues, analyzes available data and information, and recommends changes to management. Creates and maintains multiple operational reporting tools.
* Consolidates data reports and deliverables to help drive data-based strategic decision making. Ensures accuracy of data through partnerships with team members.
* Worked day-to-day validation and spot checks. Prepared reports to be used by other departments to correct operational issues or provide insights.
* Worked on **Looker** **dashboards** for pulling data and updating queries.
* Created complex views in SQL Server 2008 to use as data sources in Tableau for designing Tableau Reports and Dashboards.
* Implements **DAX** calculation in the **Tabular** **Model**.
* Worked closely with reporting team for deploying Tableau reports and publishing them on the Tableau and Share point server.
* Used **Oracle, SQL server** as data sources for designing Tableau Reports and Dashboards. Groups, hierarchies, sets to create detail level summary report and dashboard using KPI's. Provided assistance to users in building reports in **Report Studio, Query Studio,** and **Analysis Studios**.

**Environment:** Tableau Desktop / Server, MS Office Suite, MS Excel, Quality Center, PL/SQL, MS Project, SQL Server 2008/2012, SSRS, SSIS, MS Azure, DAX, Power BI, TFS, MSMQ, SSDT, MS Excel/Word/PowerPoint.

**Highmark Healthcare Company, Pittsburgh, PA Mar2019– Apr 2022**

**BI Developer**

**Roles and Responsibilities:**

* Developed the **BI Analytics platform** for the Global Corporate hierarchy.
* Translated business needs into data analysis, business intelligence data sources and reporting solutions for various clients.
* Strong experience in Extracting, Transforming and Loading **(ETL/SSIS)** data flow and ETL using **SSIS**
* Created complex views in **SQL Server 2008** to use as data sources in Tableau for designing **Tableau Reports** and **Dashboards**.
* Designed and developed **data lake** on AWS and integrated data from various systems.
* Develop and integrate role-based data visualizations using **Power BI** desktop.
* Building the **SSAS tabular** in memory model on **SQL 2016**
* Designed and developed **Power BI** **graphical** and **visualization** solutions with business requirement documents and plans for creating interactive dashboards.
* Developed Tableau data visualization using **Cross Map, Scatter Plots, Geographic Map, Pie Charts and Bar Charts, Page Trails,** and **Density Chart**.
* Implements **DAX calculation** in the **Tabular** Model for **Power BI** reports.
* Worked closely with reporting team for deploying Tableau reports and publishing them on the Tableau and **Share point server**.
* For Log analytics and for better query response used Kusto Explorer and created alerts using Kusto query language.
* Design, build and deliver the operational and management tools, frameworks and processes for the Data Lake and maintaining **AWS Data Lake** for advanced data solution.
* Involved in administrative activities, doing deployment and monitoring schedules and jobs.
* Provide support for production environment deployments.
* Provided assistance to users in building reports in Report Studio, Query Studio, and Analysis Studios.

**Environment:** Tableau Desktop 8.0/8.1, Oracle 11g, MS Office Suite, MS Excel, Quality Center, PL/SQL, MS Project, SQL Server 2008/2012, SSRS, SSIS, MS Azure, DAX, Power BI, TFS, MSMQ, SSDT, MS Excel/Word/PowerPoint.

**Wells Fargo – Winston Salem, NC July 2017 – Feb 2019**

**BI Developer**

**Roles and Responsibilities:**

* Developed and maintained programs in **SAS** using **SAS tools** for Windows in a user support environment. Used **SAS/ODS** for delivering output in RTF format based on client request.
* Worked on all Wells Fargo Intranet, Internet, and Vendor applications.
* Develop and execute tests, log and track issues and drive them to resolution with verification of bug fixes, document test results and research findings.
* Possess very good expertise in developing programs using **SQL** and **PL/SQL** procedures to transfer data from legacy systems.
* Implemented **SAS Programming** in this application for different data from the SAS source.
* Created Tables, Stored Procs using SAS Programming.
* Involved with SQL, oracle database application, converted those application which are compatible to azure environment.
* Transformed business requirements into functional and nonfunctional requirements.
* Designed and developed **Power BI** graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
* Utilized **Power Query** in **Power B**I to **Pivot** and **Un-pivot** the data model for data cleansing and data massaging.
* Implemented several **DAX** functions for various fact calculations for efficient data visualization in Power BI.
* Collaborate with co-located and remote team members to solve technical issues.
* Coordinating with the Project Managers, Technology Managers, Application Managers, Business Analysts, Lead Developers and the Subject Matter Experts in the app review process, **Cloud Architect** to discuss more about Azure migration.
* Involved in Application Review process to capture the technical details of the application.
* Involved in documenting all the code changes and update it to the application team wherever necessary.
* Worked on Autosys Jobs, Scheduling **SSIS Packages**.
* Every application is configured for automated build and release process by **Devops** team.

**Environment:** SQL Server 2008/2012, ADO.Net, DAX, SSRS, SSIS, MS Azure, Power BI, MS Silverlight, MS SharePoint, Team Foundation Server, MSMQ, SSDT, MS Visio/Excel/Word/PowerPoint, Windows

**Cardinal Health, Dublin, OH Jan 2015 – June 2017**

**Application Developer**

**Roles and Responsibilities:**

* Designed and developing new **ASP.NET** application with integrated custom controls and user controls.
* Hands on experience in using **asp.net** **Ajax**, **JQuery** and .net controls like chart control.
* Followed **OOD** and developed technical diagrams (**UML, Class** etc.) for better understanding of requirements.
* Implemented technical use cases by designing and developing the appropriate web pages using **C#** code-behind.
* Used custom controls like asp grid integrated with jQuery for richer user experience.
* Used **ASP.NET** framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Implemented Business layer using Windows Communication Foundation (**WCF**) and **ASMX** Services.
* Used WCF service endpoints and exposed them over default protocol (**soap over http**) settings.
* Created stored procedures, functions, and views for the related business scenarios in SQL Server.
* Developed database access components using the **ADO**.**NET** Entity Framework and utilized **LINQ** to Entity.
* Implemented error handling for the web pages by displaying appropriate user readable error messages.
* Hands on experience creating the technical design documents & maintaining them.
* Responsible for writing the code in **Microsoft Visual Studio.Net 2010** with **ASP.Net** using code behind **C# & tested with NUNIT.**
* Transferred all data into SQL Server from different data sources using **SSIS/ETL**.
* Developed **N-Tier** application.
* Use Window azure to deploy the application on cloud and managing the session.
* Hands on experience in using the **xml** serialization provided by .net.
* Supporting the production support issues/deployment.
* Developed Multi-threaded Windows Services for timey based automation process without any user interaction. Involving in **SCRUM** meetings.

**Environment**: VisualStudio2012, C#, ASP.NET 4.0/3.5, WCF, Java Script, TFS 2010, WCF, VB.NET, JSON, SOAP, IIS 7.0, AJAX, ADO.NET, LINQ, XML, Microsoft Enterprise Library, SQL Server Integration Services.