**Sujatha Kalashika**

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**Summary:**

* A Professional with Overall 10+ years of IT experience in Power Bi, Data Visualization & Report developing, Business Analysis, System Analysis, Data analysis, Software Design, Development, Implementation and Maintenance of Business Intelligence and Data Warehousing Platforms across Health Care, Banking, Retail, Insurance and Technology domains.
* Extensive Experience developing insights and visualizations in BI tools Tableau, Power BI, QlikView.
* Extensive Experience using Analytical tool Statistica.
* Experience with working in GXP environments
* Experience writing documentation and procedural materials for multiple audiences
* Experience working with engineering to improve user experience: design, UI, and help refine content and create visuals and diagrams for technical support content
* Knowledge on Hyperion planning 11.1.1.3/9.3.1 to support complex financial applications for budgeting and Forecasting.
* Highly proficient in Agile, Iterative, and Waterfall software development life cycles.
* Extensive Experience on Change Control Management and Written Documentation and Perform Migration for the Change.
* Experience in Using Analytical tool Statistica.
* Good Experience working on Apex Systems.
* Experienced in designing rich Interactive reports and dashboards integrating various reporting components from multiple sources.
* Experience in aggregating data and configuring reports from different data sources using data blending.
* Extensive experience on designing database using ER modelling and Normalization.
* Good experience on LOD expressions Comparative Sales Analysis, Customer Acquisitions in Tableau.
* Hands on experience in embedding Tableau reports and dashboards on external websites using Java API and Java API Scripting.
* Prepare dashboards and reports for internal and external audiences using Microsoft Power BI, Microsoft Power apps and other business analytics tools.
* Create data dashboards, graphs, and visualizations in Power BI Dashboard publishing to the Power BI Service.
* Interviewed SMEs and Stakeholders to get a better understanding of client business processes and gather business requirements.
* Expert in Data Visualization, Data Analysis, Business Intelligence, IT Analysis/Design, and Client/Server System Architecture.
* In depth understanding of the Gap Analysis i.e., As-Is and To-Be business processes and strong experience in gathering requirements and converting these requirements into Technical Specifications documents.
* Proficient in design and development of various dashboards, reports utilizing Tableau Visualizations like bar graphs, line diagrams, pareto charts, funnel charts, scatter plots, pie-charts, donut charts, bubble charts, funnel charts, heat maps, tree maps according to the end user requirements.
* Expertise in using advance Tableau features like Calculated fields, Sets, Groups, Parameters, context filters, quick filter, global filters, custom geo coding, Actions, LOD, Adhoc Calculations, etc.
* Extensively used Tableau, Power BI, Crystal Reports, Business Objects, SSRS, Informatica Power Center, SSIS, SQL Server, Oracle, Teradata,
* Hands-on experience using Dimensional Data Modelling, Star Schema Modelling, Snow-Flake Modelling, Fact and Dimension Tables, Physical and Logical Data Modelling.
* Possess strong knowledge of database management in writing complex SQL queries, Stored procedures, database tuning, query optimization and resolving key performance issues.
* Highly motivated team player with excellent interpersonal and customer relational skills, proven communication, organizational, analytical, presentation skills, and leadership qualities.
* Proven ability to quickly learn and understand complex topics

**Technical Skills:**

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| **Analytical Tools** | LINUX, IOS and Windows Family Tableau 10.x, 9.x, 8.x, 7.x (Desktop/Server/Reader/Public/Online), Statistica, Power BI, QlikView |
| **Data Integration Tools** | Informatica, MS SQL Server Integrated Service (SSIS), OBIEE |
| **Data Modelling/UML Tools** | Power Designer, MS Office (Visio, Word, Excel) |
| **RDBMS** | Teradata, Oracle, MS SQL Server, DB2, Sybase, Access |
| **Big Data** | Hadoop, Spark, Hive, Impala, Data Lake |
| **SQL Tools** | Teradata SQL Assistant, PL/SQL Developer, SQL Server Management Studio |
| **Document Management** | SharePoint, Documentum, D2 |
| **Languages** | C, C++, HTML, SQL, PL/SQL, Python and XML |
| **Cloud Computing** | Azure |
| **Operating Systems** | UNIX, Linux, Windows 10/8/ 7/XP/2000 |

**Education/ Certification:**

* Master’s Degree in Master of Computer Applications (2006-2009) – Osmania University
* Bachelor’s Degree in Mathematics, Physics and Chemistry (2003-2006) – Osmania University

**Professional Experience:**

**Client: Sanofi Apr 2022- Present**

**Role: Technical Writer/BI Developer**

**Responsibilities:**

* Collaborate with the “Process Data Analytics “Team Manager and other members of the team to deliver quality solutions to support the business needs.
* Professional Experience in GxP (GMP, GLP, GCP) for Pharmaceutical Manufacturing.
* Followed Computer Systems Validation CSV Master Plan to author, review and approve CSV deliverables for systems as per GxP GLP, GCP, GMP, GDP, cGMP FDA Assessment
* Reviewed and Validated Computer Systems in compliance with 21 CFR Part 11 and GxP FDA Regulations.
* Creating validation plan (VP) and authorization for use (AFU).
* Validated systems used for GMP and Non-GMP purposes.
* Design and develop Workspaces in Analytical tool Statistica.
* Worked on APEX systems like Statistica, Epi Servers etc.
* Gather the requirements from Manufacturing Department and Created new MDE forms in Statistica for Manufacturing Department to enter the Manufacturing data.
* Assist with developing detailed specifications for system modifications or enhancements, documenting functional and technical requirements.
* Configure application functional components, perform the definition of foundational data elements, and ensure proper version control of data elements.
* Develop and maintain technical support documentation, including troubleshooting procedures, runbooks, and system configuration guides.
* Provide 2nd level support for application issues, including issues with application functionality, environment configuration, and / or system integrations.
* Respond to and resolve, or escalate, application issues raised by end-users and / or system alerts, performing detailed documentation of troubleshooting steps and / or issue resolution
* Worked on Change Control Management and writing detailed configuration and specification documentation for software and did Migrations to Production.
* Professional Experience in GxP (GMP, GLP, GCP) for Pharmaceutical Manufacturing.
* Organized and attended meeting to discuss the status of the projects.
* Developed some products reports in Tableau.
* Migrated from QlikView reporting to Power BI reporting.
* Shared Dashboards and Reports from most places in Power BI Service and perform Data refresh.
* Created Graphical Dashboards in Power BI for Different Health Care Products Data Like “Dupixient KPI Dashboard”
* Used DAX functions, Buttons, Bookmarks to Create advanced reports in Power BI.
* Used SharePoint to get the updates when the data is changing and upload that file in Gitlab Repository.
* Having Good Experience with data flows / data processing by using different Data servers like Biolims, V-Combined etc.
* Gather and Analyze the data from different data sources by using DSW (Data Science Workbench) .
* Knowledge of Spotfire Analytical tool.
* Extensive using od Electronic Document Management tool GeodIs.

**Environment:** Statistica, Power BI, Tableau, QlikView, DSW, SQL Server, Excel, Epi Server, Lims, APEX Systems, Spotfire, Gitlab, SharePoint, Oracle., D2, AZURE, Service NOW.

**Client: State Street Bank & Trust, MA**

**Sept 2020 – Mar 2022**

**Role: Power BI Developer**

**Responsibilities:**

* Worked with business users to develop a business requirement document.
* Created reports using the business requirement document (BRD).
* Extensive Experience working in an Agile Development Environment.
* Effectively participated in Daily Standup, Sprint Planning, Demo and Retrospective.
* Responsible for testing and publishing the reports in the production workspace.
* Used DAX measures for the creation of various calculations to provide statistics. Ex: extracting last 60 days revenue, last month transactions, returns, return rate%.
* Responsible floor scheduling data refresh for reports as requested by business users.
* Worked on setting up Page Level Filters, Report Level Filters, and Visual Level Filters in Power BI according to the requirements.
* Used DAX to calculate time/date ranges and periods functions which are known as time intelligence functions
* Used DAX text functions in Power BI For string comparisons and other string related operations during transformations.
* Created dashboards to showcase multiple visuals from different reports.
* Published Power BI Reports in the required workspace and made Power BI dashboards available in mobile apps.
* Troubleshoot and support reports in Power BI workspaces whenever there are issues in production.
* Experienced in developing power BI Reports and dashboards from multiple data sources using Data Blending.
* Restricted data for particular users using Row-level security and User filters.
* Worked on creating bookmarks to showcase different views for the user and create a web application look and feel.
* Worked on both live and import mode to bring data to Power BI for creating reports
* Performed Appending in the Power Query to create a single table for all the transactional data.
* Performed SIT to integrate all the reports with complete data.
* Performed Unit Testing before migration.
* Used both direct query and import to get data depending upon the requirement.
* Worked with different visualizations like Stacked bar Chart, Clustered bar Chart, Scatter Chart, Pie Chart, Donut Chart, Line & Clustered Column Chart, Map, Slicer, etc., and imported various custom visuals from the AppSource in Power BI depending on the requirements.
* Documentation of the queries used in the reports for future reference.

**Environment:** Power BI Desktop, Power BI Service, DAX, M Query, MS SQL Server, MS Excel, Postgres SQL, DBeaver, BI Validator.

**Client: MBTA (Vendor Management), MA**

**Jan 2020 – June 2020**

**Role: Business Data Analyst**

**Responsibilities:**

* Worked in Vendor Management, Developed Dashboard for multiple vendors. Gathered the Requirements from multiple vendors, Extract the data from multiple data sources, prepared that data to fit into Tableau desktop, developed Dashboards and automated the Reports in Tableau Server.
* Involved in data gathering meetings with business and stake holders.
* Created technical assessment about the current environment.
* Consulted with managerial, engineering, and technical personnel to clarify program intent, identify problems, and suggest changes.
* Developed Tableau data visualization using Cross tabs, Sankey diagram, Heat maps, Waterfall charts, Geographic Map, Bar charts.
* Developed donut charts and implemented complex features in charts like creating bar charts in tooltip.
* Gathered data from different data sources like Excel, MS Access.
* Provided ongoing support and enhancements for the applications.
* Developed Tableau dashboards from multiple data sources using Data Blending
* Created extracts, published data sources to tableau server, refreshed extract in Tableau server from Tableau Desktop.
* Created different KPI using calculated key figures and parameters.
* Created multiple tableau dashboards with custom SQL queries to enhance the processing of complex visualization.
* Created Dashboards with interactive views, Monthly and Quarterly trends.
* Published Workbooks, Dashboards and Data sources to the Tableau server.
* Create design documents against the requirements captured.
* Used level of detailed calculations in the workbook.
* Validated the data for each report and review the reports.
* Created dashboards using Table calculations for Rolling 12 months and Performed report tuning using extracts, Cache options, removing unused fields.
* Created report schedules on Tableau server and Tableau Online.
* Created complex calculations including arithmetic calculations, custom aggregations, Nested calculations, and quick table calculations.
* Conducted periodic meetings with different teams to discuss progress and roadblocks of the engagement.

**Environment:** Tableau Server, Excel, My Access, Tableau Pre-Builder

**Client: SMARTEK21, WA Feb 2018 - Nov 2019**

**Role: Data Visualization Analyst**

**Responsibilities:**

* As a Data Visualization Analyst at SMARTTEK21, my roles include communicating with the users about their requirements, converting the requirements into functional specifications and developing advanced reports using Tableau for Grant Solutions.
* Gathered Business Requirements, interacted with the Users, Project Manager and SMEs to get a better understanding of the Business Processes.
* Worked extensively in documenting the Source to Target Mapping documents with data transformation logic
* Maintained and installed Tableau Server in all the environments.
* Prepared quarterly forecasts, annual budget, ad-hoc reporting, and management reporting using Hyperion Interactive Reports and Financial Reporting Studio.
* Performed data analysis and data profiling using SQL on various sources systems including Oracle and Teradata.
* Authored on Tableau server by changing mark types and adding filters directly in a web browser.
* Customized and developed the OBIEE Business Model and Mapping layer.
* Worked with business users to Gather Business Requirements, converted the requirements to functional and technical specifications for developing the OBIEE Reports/Dashboards.
* Created test cases to make sure the data originating from source is making into target properly in the right format.
* Responsible to Deliver Proof of Concepts using AWS, understanding customer business requirement.
* Planned, implemented and supported small and medium scale SharePoint 2007 and 2010 deployment.
* Worked with SharePoint user base to understand business needs and build solutions to address them.
* Configured Microsoft Office SharePoint
* Created, modified and deleted SharePoint accounts as directed and in compliance with all standard operating procedures. Configured SharePoint services and settings
* Built and maintained sites, forms, lists and workflows to improve business processes.
* Planned and created SharePoint 2007 and SharePoint 2010 Workflows.
* Created Custom Forms using InfoPath 2007 and 2010.
* Created customized Tableau Dashboards, integrating Custom SQL from Teradata and Oracle, Hadoop and performing data blending in reports.
* Secured Tableau server to protect the Tableau environment, security group and AWS Direct Connect.
* Developed complex SQL scripts for Teradata database for creating BI layer on DW for tableau reporting.
* Worked in the application UI to present to the end users with Tableau dashboards and visualizations in multiple platforms.
* Implemented AWS security features in Tableau server by providing AWS security features that Tableau Server can use to protect the environment, including Amazon Virtual Private Cloud, Security Groups, AWS Identity and AWS Direct Connect. Architecting Tableau Server is to scale up with more CPU cores and memory and scale out when you add servers.
* Worked on Data Blending to merge Various Sources like Teradata, Oracle and Excel Files.
* Actively involved in the creation of users, groups, projects, workbooks and the appropriate permission sets for Tableau server logins.
* Involved in Performance Tuning of the database, which included creating indexes, optimizing SQL statements and monitoring the server.

**Environment:** Tableau Server, Hyperion, AWS, Oracle, SQL, Teradata, OBIEE, SharePoint 2007/2010, InfoPath 2007/2010, Hadoop, Excel

**Client: Bramasol, CA Aug 2017 – Dec 2017**

**Role: Tableau Reports Developer/Data Analyst**

**Responsibilities:**

* As a Data Analyst/Tableau Reports Developer at Bramasol, my roles include communicating with the users about their requirements, converting the requirements into functional specifications and developing advanced reports using Tableau for Grant Solutions.
* Involved in full project lifecycle of SDLC and coordinated with all project teams.
* Interacted with Subject Matter Experts & End Users and gathered business requirements.
* Acted as liaison between Business Intelligence and Business User groups to relay change requests.
* Performed extensive GAP analysis in the project as there were numerous ‘As-Is’ and ‘To-Be’ conditions.
* Worked in coordination with clients for feasibility study of the project in Tableau and with DB Teams for designing the database as per project requirement.
* Created Users, Groups and projects in Tableau environment.
* Designed and developed various analytical reports from multiple data sources by blending data on a single worksheet in Tableau Desktop.
* Gathered data from different data sources like MySQL, Excel, Oracle, MSSQL, Hadoop and Hive etc.
* Created extracts and scheduled data refresh on Tableau Server for weekly and monthly increments based on the new changes to ensure that the views and dashboards were displaying the changed data accurately.
* Used different Mark types and Mark properties in views to provide better insights into large datasets.
* Developed dashboards with interactive views, drill downs, and published them to the portal with user level security.
* Created Heat Map showing sales data by color that were broken into regions allowing business user to understand sales pattern (least vs. highest) in various regions.
* Designed and developed Big Data analytics platform for processing customer viewing preferences using Java, Hadoop, Hive and Pig.
* Involved in automation of creating Tableau dashboard throughout the project by writing R script to pull the API data, SAS and R script to populate the data in Teradata and finally developed a custom SQL and essential visualization in Tableau.
* Provided all data analysis, ad-hoc and custom reporting of customer data. This involved extracting data from an Oracle database, XML files, and Flat files data used as input for SAS programs to create Excel spreadsheets, Access databases, and hard copy reports.
* Involved in campaign planning, contributed by determining the technical feasibility and analyzed the data availability for the segmentation of the specified targeting, using SAS and SQL assistance.
* Ensured on-time and on-budget performance of the assigned efforts to the mutual satisfaction of the business partners/ sponsors.
* Oversaw the performance of Design to develop technical solutions from Analysis documents.
* Provided post implementation production support.
* Created and updated custom SQL scripts to serve as data sources for various reports and handled performance issues effectively.
* Developed various reports using Tableau features like Parameters, Filters, Sets, Groups, Actions, etc. to present users with various scenarios of predictive analysis.
* Generated guided navigation links for Interactive dashboards in Tableau.

**Environment:** Tableau Desktop, Tableau Server, MySQL, Excel, Oracle, MSSQL, Hadoop, Hive, Java, R, SAS, SQL

Flat Files

**Company: Global Logic Technologies, India January 2012 – May 2016**

**Role: SQL BI Developer**

**Responsibilities:**

* As a SQL BI Developer at Global Logic Technologies, understand the data and developed reports using SQL.
* Worked with end users to gain an understanding of information and core data concepts behind their business.
* Assisted in defining business requirements for the IT team and created BRD and functional specifications documents along with mapping documents to assist the developers in their coding.
* Performed analysis of functional and non-functional categorized data elements for data profiling and mapping from source to target data environment. Developed working documents to support findings and assign specific tasks
* Worked on claims data and extracted data from various sources such as flat files, Oracle and Mainframes.
* Worked with data investigation, discovery and mapping tools to scan every single data record from many sources.
* Performed data analysis and data profiling using complex SQL on various sources systems including Oracle and Teradata.
* Created calculated fields, mapping, hierarchies and Drill through Reports by extracting the Data from Teradata and SSAS Data sources.
* Extensively used Informatica Power Designer to pull the data from various data bases and integrate the data.
* Designed, created and monitored workflows using workflow designer and workflow monitor.
* Performed data management projects and fulfilling ad-hoc requests according to user specifications by utilizing data management software programs and tools like Perl, Toad, MS Access, Excel and SQL
* Written SQL scripts to test the mappings and developed Traceability Matrix of Business Requirements mapped to Test Scripts to ensure any Change Control in requirements leads to test case update.
* Involved in extensive data validation by writing several complex SQL queries and Involved in back-end testing and worked with data quality issues.
* Identified and recorded defects with required information for issue to be reproduced by development team.

**Environment:** SQL, Power Designer, Flat Files, Oracle, Mainframe, Teradata, SSAS, Perl, Toad, MS Access, Excel