SAI T. KUKKADAPU****

Sr. Tableau Developer & Administrator

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**Summary of Qualifications:**

* IT Professional with 8+ years of referable experience in analysis, design, development and Implementation of Business Intelligence solutions using Data Warehouse/ Data Mart Design, BI Solutions, OLAP, Client/Server and Web applications on Window and Unix platforms.
* 6+ years of strong experience in Tableau Desktop, Tableau Server and Tableau Online.
* End to end experience in designing and deploying data visualizations using Tableau.
* Expert in gathering external data to Tableau from different sources like Oracle, SQL Server & flat files etc., for data visualization.
* Excellent knowledge in Data Analysis, Data Validation, Data Cleansing, Data Verification and identifying data mismatch.
* Expertise in developing Power BI Reports and Dashboards from multiple data sources using Data Blending.
* Sound knowledge of relational database concepts and writing customized SQL/TSQL queries.
* Strong knowledge on Other BI Tools like (SAP BO, PowerBI, Alteryx)
* Specialized in creating complex query reports using Oracle, SQL Server, SAP HANA, MS Access, local files, and various RDBMS.
* Expert in generating on-demand and scheduled reports for business analysis or management decision using Tableau and Power BI.
* Skilled at building and deploying multi-valued parameterized reports using Power Bi, Tableau.
* Good understanding of Tableau architecture, design, development and end user experience.
* Extensive experience with Advance analysis like Actions, Calculations, Parameters, and Background images, Maps, Trend Lines and Statistics.
* Experience in designing, developing, and delivering business intelligence solutions using SQL Server Integration Services (SSIS), Analysis Services (SSAS), and Reporting Services (SSRS).
* Good knowledge of System Development Life Cycle (SDLC), Agile and Waterfall development environments.

**Technical competencies:**

BI Tools: Tableau Suite of Tools 10.1/9.x/8.x/7.x which includes Tableau Desktop, online and Public Tableau Server 10.0/9.3/9.2/8.3, SAS, SAP Business Objectives 4.x/3.x, Power BI, Cognos

Databases: Oracle 11g/10g/9i, MS SQL Server 2008/2005, T-SQL, MS Access, DB2, HANA

Environment: Windows, UNIX, Linux

**Professional Experience:**

***Client: Novantas Inc, New York, NY*** *Jun 2016 - Present*

***Role: Sr. Tableau Developer***

**Roles & Responsibilities:**

* Work closely with Client Services/Finance/Fraud & Risk team to gather requirements for designing Tableau Reports.
* Design and deploy rich Graphic visualizations with Drill Down and Drop down menu option and Parameters using Tableau.
* Restricted data for particular users using Row level security and User filters.
* Developed Price Benchmark Regression curves using the client financial data.
* Synchronized version control – especially with respect to PDF vs. Tableau reports.
* Modify reports to use the user specified variance for conditional formatting.
* Developed Audit reports based on the client’s logins and download PDF reports in the portal.
* Developed ECR calculations and benchmark regression power trend line curves.
* Reviewed all the calculations used in Tableau reports and moved them to the Database.
* Worked under SQL Server stored procedures and big data environments.
* Worked on homegrown analytic SAAS solutions are the most widely installed in the industry?
* Developed Tableau workbooks to perform year over year, quarter over quarter, YTD, QTD and MTD type of analysis.
* Designed, developed, tested, and maintained Tableau functional reports based on user requirements.
* Worked closely with Business users. Interacted with ETL developers, Project Managers, and members of the QA teams.
* Created different KPI using calculated key figures and parameters.
* Developed Tableau data visualization using Cross tabs, Heat maps, Box and Whisker charts, Scatter Plots, Geographic Map, Pie Charts and Bar Charts and Density Chart.
* Worked extensively with Advance analysis Actions, Calculations, Parameters, Background images, Maps, Trend Lines, Statistics and table calculations.
* Built Groups, hierarchies, Sets to create detail level summary reports and Dashboard using KPI's
* Provided Production support to Tableau users and Wrote Custom SQL to support business requirements.
* Utilized Tableau server to publish and share the reports with the business users.
* Also involved in administration tasks such as Setting permissions, managing ownerships and providing access to the users and adding them to the specific group.
* Distributed Tableau reports using techniques like Packaged Workbooks, PDF to different user community.

**Environment**: Tableau Server 10.3/9.3, Tableau Desktop 10.3/10.3.4 and 10.5, Python, Windows Server Standard R2,T-SQL, Power BI 2013, Excel, SQL Server management studio, MS SQL Server 2012

***Client: ISO - Jersey City, NJ*** *Dec 2014 - Jun 2016*

***Role: Sr. Tableau Consultant***

**Roles & Responsibilities:**

* Develop complex Tableau Visualizations.
* Extensively used parameters, calculated fields, Sets, Action Filters in the Report Development.
* Set up Tableau Server with SAML configuration.
* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.
* Connected Tableau PostgreSQL database to create customized interface for Tableau workbooks to provide native intranet style navigation.
* Utilized the Extract API in Tableau 9.3 to create dynamic Tableau data extracts using R, Python programming.
* Performed data profiling, data cleansing and data Analysis using complex SQL on various sources systems including Oracle.
* Involved with data profiling for multiple sources and answered complex business questions by providing data to business users.
* Maintained and managed Tableau and Power BI driven reports and dashboards.
* Created few Tableau data extracts using R language, Python programming and Extract API within Tableau9.3.
* Actively involved in the Server migration and the Fresh Tableau Server Installation Process.
* Involved in Troubleshooting, Performance tuning of reports and resolving issues within Tableau Server and Tableau desktop.
* Worked on SQL Performance tuning with Code optimization, Indexing, Execution Plan Analysis.
* Displayed changes of annual usage trend and annual productions from Year to Year with R and Tableau.
* Designed and developed the reports according to the requirements using Tableau and Power Map.
* Defined best practices for Tableau report development.
* Created various types of charts like Heat Maps, Geocoding, Symbol Maps, Pie Charts, Bar Charts, Tree Maps, Gantts, Circle Views, Line Charts, Area Charts, Scatter Plots, Bullet
* Graphs and Histograms in Table Desktop, Power BI and Excel to provide better data visualization.
* Provided support for Tableau developed objects and understand tool administration.
* Worked in Tableau environment to create dashboards like weekly, monthly, daily reports using tableau desktop & publish them to server.
* Designed and implemented SSO security model giving access to users from main application to Tableau using Tableau API calls.
* Consulted on Tableau server performance enhancements; upgrades from version 9.3 to 10.3 and server reconfiguration based on workbook complexity and data extraction

**Environment**: Tableau Server 10.3, Tableau Desktop 10.3.5/10.4/10.5, Windows Server Standard R2,T-SQL, Excel, SQL Server Management Studio, MS SQL Server 2012

***Client: Blue Cross Blue Shield - Newark, NJ*** *Jan 2013 - Dec 2014*

***Role: Tableau Site Admin***

**Roles & Responsibilities:**

* Created and updated server architecture for scheduling tasks.
* Created various User groups by assigning row and column level security at application level, folder level and user level.
* Published Workbooks by creating User filters and sites (User groups, access) so that only appropriate teams can view it.
* Administered user, user groups, and scheduled instances for reports in Tableau by controlling the access of resources to intended user.
* Used the Tableau Online sync application to schedule automatic refresh tasks for extracts of data and to maintain on local network.
* Analyzed and resolved performance and server based issues.
* Prepared backups using TabAdmin and TabCmd commands.
* Formulated procedures for installation and configuration of Tableau desktop.
* Designed and developed SSIS packages for Tableau dashboards.
* Utilized data blending activities for Tableau functionalities.
* Participated in performance tracking activity by evaluating server tasks.
* Modified data visualization dashboards and developed data connections

**Environment**: Tableau Server 7.0.3, SQL Server 2008

***Client: Karvy Analytics - Hyderabad, India*** *Jul 2011 to Oct 2012*

***Role: Business Objects Consultant***

**Roles & Responsibilities:**

* Used Report level joins and unions in some of the reports, created prompts and calculations in RS and FM model.
* Validated the schema and found the errors present in the ETL and also took part in giving the recommendations to fix the problem.
* Modified existing Universes to meet user-reporting requirements.
* Interacted with Business Objects technical team to solve the bugs involved in Business Objects.
* Full life cycle implementation of BW that includes Data Modeling, Data Extraction, Data transformation, Data loading(Full/Delta upload), Scheduling jobs, Monitoring data loads, production support, troubleshooting and reporting
* Responsible for data modeling in the data warehousing effort of the Sales and Distribution, and Master data (Customer and Material Master) for the SAP BW
* Worked extensively on standard and custom defined LO and LIS extractors. Used LO extract structures and data sources in sales material management to facilitate the data extraction to BW
* Performed various tuning techniques (aggregates, statistics, partitioning and multi-providers, OLAP Cache) to optimize the query performance
* Used ABAP Routines (Start Routines, Update Routines) in Update rules and Transfer Rules to Update Key Figures in the Info Cubes
* Performed detailed analysis to improve the Performance of Cubes using BW Statistics, Aggregates and Involved in Production Support
* Heavy Technical concentration in designing Info Packages, Info Sources, Update Rules, Reports for Sales and Distribution
* Interacted with the Business Analyst, Users and Business leads to understand their business needs.
* Modified universes and created reports for them accordingly.
* Worked on Data Extraction and transforming data from using Data Integrator.
* Provided technical leadership for Business Intelligence (BI) roadmap and the direction of application projects from data capture through application design & implementation.
* Implemented the best practices for Business Objects Environment.

***Client: Sonata Software – Hyderabad, India*** *Jan 2010 - Jul 2011*

***Role: SQL Developer***

**Roles & Responsibilities:**

* Managed database objects like stored procedures, views, tables etc.
* Optimized queries that were taking long time to display desired result set.
* Created groups, roles, users and assigning access privileges to users.
* Created new stored procedures and modifying existing ones as per business requirements.
* Created various types of reports such as sub reports, parameterized, Tablix and Matrix using SQL Server Reporting Services.
* Performed data analysis to generate various trend reports.
* Performed identification, analysis and resolved report defects within time scope and established development guidelines.

**Environment**: SQL Server 2005, SQL Server Management Studio, SQL Server Reporting Services (SSRS)

**Education & Certification:**

* **Bachelor of Engineering in Computer Science**

Lovely Professional University, Punjab, India

**References:** Provided upon request…