**SARITHA | Sr. Tableau Developer**

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**Tableau developer**

#### **“Understanding large, unruly data sets into interactive data visualization”**

**Professional Summary:-**

**Around 7+ years of IT experience in Tableau Desktop and Server and as SQL Developer**. Proficient in creating rich visualizations using **Tableau Desktop**. **Software Analysis, Design, and Development in the fields of Databases, Business Intelligence, Client Server Technologies and Web-based Applications. Expert in Data Visualization development using Tableau to create complex, instinctive, and imaginative Dashboards**

* Extensive experience in creating **UI visualizations with Tableau Desktop,** Tableau Server and **Tableau Reader** in various versions of **Tableau 10.x/9.0,9.1.9.2,9.3x/8.x/7.x/6.x**
* Good comprehension of ideas for example, **Data Warehousing, Data Marts, ER Modeling, Dimensional Modeling, Fact & Dimensional Tables**
* Involved in making dashboards and reports in **Tableau 8.2.** Made report plans on **Tableau server** Specialist in planning Universes and creating complex and Ad hoc Reports utilizing the **Business Objects Reporter/Desktop Intelligence and Web Intelligence Tools**
* Ability to Lead the **Data Visualization Analysis, Design and Efforts** and **Mastered** the ability to design and deploy rich **Graphic visualizations with Drill Down and Drop-down menu option** and **Parameterized dashboards using Tableau Desktop**
* Extensive knowledge in various Bi reporting objects like Hierarchies, filters, calculated fields, Sets, Groups, Parameters and Dashboard Actions etc. in **Tableau Dashboard Design**
* Experience in working on generating various dashboards to **Tableau Server** using different data sources such as **Teradata, Oracle, SAS datasets, MS Excel .**Knowledge on **monitoring server activities/usage statistics** to identify possible **performance issues**
* Expertise in **Data Blending concepts** in **Tableau Desktop** and creating/Publishing interactive dashboards. Experience in Generating **Tableau Dashboard** with quick/context/global filters on **Tableau (8.0 / 9.1/9.3) reports.** Expertise in Tableau **9x &10x**
* Experience in providing **Tableau desktop support** to the business end users such as usage policies. Expertise in maintaining **data quality, data organization, metadata and data profiling**
* Experience in **Business Analysis and Data Analysis**, **User Requirement Gathering, User Requirement Analysis, Data Cleansing, Data Transformations, Data Relationships, Source Systems Analysis and Reporting Analysis**
* Experienced with **Multi- Servers and Multi-Terabyte Databases design** for Very Large Databases
* Experienced in **Data Warehouse and Highly Normalize Database Design** including **Data Files and File group organization, Capacity Planning, Data Partitioning, Data Normalization and De-normalizing**
* Developed the **semantic layer, metadata, reports, and report definitions**
* Expert in creating and maintaining Functional, Technical and **Data Mapping Documentations.** Expert in Query Tuning and activities including Updating **Statistics, Re-building and Re-organizing Indexes**
* Extensive **knowledge** in various reporting objects like **Facts, Attributes, Hierarchies, Filters, Prompts, Calculated fields, Sets, Groups, Parameters etc., in Tableau.** Worked on the development of **Dashboard reports** for the **Key Performance Indicators** for top management
* End to end experience in **designing** and **deploying data visualizations** using **Tableau**
* Extensive experience in **Data Analysis**
* Providing **technical** and **analytica**l expertise in responding to complex, specialized report requests requiring higher-level data analysis and data management services
* Generated the **dashboard reports into Power BI to see the number of hits for a particular Firewall rules**. It involved in creating Semantic Layer for business users to avoid extra effort  and used sql (sql server/ sql assistant) to query **and perform data validations at the semantic layer**
* Strong **interpersonal skills with demonstrable verbal and written communications to maintain effective work relationships with all levels of personnel**
* Ability to meet deadlines and **handle multiple tasks, team player, motivated, able to grasp things quickly with analytical and problem-solving skills**
* Inclination towards **learning new technologies and BI tools**. Holds **great appreciation from Business stake holders & within the teams engaged**

#### **Academic details:**

 Bachelors – Jawaharlal Nehru Technological University (JNTU)

 Masters – Font Bonne University

**Technical Skills:**

**Skills:** Web Intelligence 4.0, Dashboard Designer, Query Designer, MS Office

**ETL Tools**: Informatica, Data Stage, Alteryx

**BI Tools**: Tableau Desktop, Tableau Server, Tableau Reader, Cognos, Qlik view

**Databases**: Teradata, Azure & Oracle

**Document management**: Visual Source Safe 6.0, Share point, Ultra Edit, Documentum

**Defect management tool**: HP Quality center 10.0

**Languages**: C, C++, HTML, CSS, JavaScript, Power Shell script, SQL, PL/SQL, XML

**Operating System**: Windows XP, 7,8 UNIX, Linux

**Bug Tracking Tool**: JIRA

**Professional Experience**

**Client: Walmart Ecommerce - Sunnyvale, CA Dec 18 Till Date**

**Role: Tableau Developer**

**Responsibilities**:

* Working with **Project Stake holders** to understand the requirement and scope of the project, prepare the **effort estimation and define schedules**
* Work with **Users, Domain/Subject Matter Experts** to derive **Functional and Technical specifications**
* Analysis and Test the **Proposed Requirements and Changes** in order to Provide Detailed Implementation Documents
* **Designed, developed, tested, and maintained Tableau functional reports** based on user requirements
* Mastered the ability to **design and deploy rich Graphic visualization** with Drill Down and Drop down menu option and Parameters using Tableau
* Full BI life cycle development, **including business requirements, technical analysis and design, Dashboards, implementation and maintenance**
* Performance Tuning for **Tableau workbooks** to provide the best performance
* Streamline the **Deployment process for flawless deployment to deploy all Tableau dashboards** using change control procedures and using configuration Management
* Creating **LOD is Reports to gradual level for easy understanding** and granular visualization of data, created the Analytical Workspace for End Users using Templates and Workbench, and provided **Web Authorization to perform Data Analytics**
* Developed **Tableau data visualization using Cross tabs, Heat maps, 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**
* Supported **production ETL framework to load the transactional data into stage, ODS and Data warehousing Databases**
* Submitted bright **Ideas to avoid manual effort and reduce production failures**
* Created **workarounds to fix the issues temporary, worked on permanent fixes, and deploy code changes to production**
* Improved **performance of ETL batch processing and reduced the monitor time** to convert report jobs into tableau reports
* **Experience in designing and developing complex dashboards in Tableau using live data and extracts**
* Worked on **extracts, views and table data sources** to build dashboards in tableau
* Converting **existing reports which are scheduled through Alteryx into tableau** .Migrating all the data sources from **Teradata to Azure for Tableau Reports**

**Environment:**Tableau Desktop/Server 8.0/9.0/9.1/9.2/9.3/10, Teradata SQL Assistant, Teradata Administrator, Adobe Analytics, Teradata,Azure,Oracle, Microsoft Office Suite (Word, Excel, PowerPoint), Tableau online, JIRA

**Client: Chicago Park District – Chicago, IL Mar 18 to Dec 18**

**Role: Sr. Tableau Developer**

**Responsibilities**:

* Deep experience with the **design and development of Tableau visualization solutions**
* Created **Interactive Dashboard, worksheets using Tableau**with primary and secondary data sources using **data blending where primary and secondary data sources** linked by specified relationships
* Extract data from **Terada** and create **data sources using Data warehousing concepts**
* Create action filters, parameters and calculations for preparing **dashboards** and worksheets in **Tableau**
* **Hands-on development** assisting users in creating and modifying worksheets and **data visualization dashboards**
* Defined best practices for **Tableau report development**
* Experience with creation of users, groups, projects, workbooks and the appropriate permission sets for **Tableau server logons and security checks**
* Preparing workbooks using **calculations, parameters in Tableau**
* Understanding of **relational database structures**, theories, principles, and practices
* The ability to interact professionally with a diverse group, including executives, managers, and LOB
* Gathering necessities and comprehension the source systems to actualize **DW/BI
Data Analysis** and giving proposals to higher administration
* Present the investigation to inside and outer groups and Explain information from a business point of view and importance to **Key Performance Indicators (KPI)**
* Interacted with **Business Analysts and Data Modelers** and characterized **Mapping reports and Design process** for different Sources and Targets
* Developed and audited **SQL questions** to validate data and **Using Tableau** extract to perform offline investigation
* **Blended data** from different information sources by utilizing connecting component as a part of **Tableau Desktop**
* Developed perspectives using modern counts like **Table estimations, Logical computations, date figuring, and Trend Lines**
* **Developed Views and intelligent Dashboards** using Parameters, Filters, Actions, Bar/Bullet/Dual Axis graphs, Area/Geo/Heat maps, scramble plots/Bubble Charts and so forth, in **Tableau Desktop**
* Developed various Views and consolidated them into **Dashboards for intelligence** by giving **Quick Filter** and Parameters to further information penetrating ability
Creating Users, Groups, Projects, Sites, and Permissions in **Tableau Server**
Working on creating different dashboards in **Tableau server** utilizing various sources
* Extensive **Tableau Experience** in Enterprise Environment and **Tableau Administrator** experience including specialized bolster, investigating, report plan and checking of framework use and Presenting training to Business users in using **tableau**
* Excellent **analytical, problem solving and debugging skills**, with strong ability to quickly learn and comprehend business processes and problems to effectively **develop technical solutions to their requirement**

**Environment:**Tableau Desktop/Server 8.0/9.0/9.1/9.2/9.3/10, Teradata SQL Assistant, Teradata Administrator, Adobe Analytics, Microsoft SQL Server, MS Visio, Microsoft Office Suite (Word, Excel, PowerPoint), Tableau online, JIRA.

**Client: Nationwide – Columbus, Ohio Jan 17 to Mar 18**

**Role: Tableau Developer**

**Responsibilities**:

* Actively involved in **gathering requirements** from end users, involved in modifying various **technical & functional specifications**
* Mentored **business power users** to create **reports/dashboards** using **tableau desktop**
* Created **Dashboards with interactive views**, **trends and drill downs.** Published **Workbooks and Dashboards** to the **Tableau server**
* Combined **visualizations** into **Interactive Dashboards** and publish them to the web
* Created groups and users in **Tableau server.** Upgraded **Workbooks and Dashboards** from **Tableau 7 to 8**
* Implemented new features in **Tableau 8 to the existing Workbooks and Dashboards**
* **Designed and developed various analytical** **reports** from multiple data sources by **blending data** on a single worksheet in **Tableau Desktop.** Utilized advance features of **Tableau software** like to link data from different data sources together on one dashboard to filter data in multiple views
* Involved in new **KPI generation** for **Scorecards**. **Data collection and leveraging** on **data manipulation teams** for required data
* Developed **complex SQL scripts** for **Teradata database** for creating BI layer on DW for **tableau reporting**
* Building, publishing customized **interactive reports and dashboards,** report scheduling using **Tableau server**
* Created actions, parameters, Filter (Local, Global) and **calculated sets** for preparing dashboards and worksheets using **Tableau.** Effectively used **data blending, quick filters, actions, hierarchy features in tableau**
* Analyzed the data using statistical features in **tableau** to develop **Trend Analysis reports.** Experience in assisting users in creating and modifying worksheets and **data visualization dashboards.** Scheduled frequency and time to refresh data for the data sources are publishes or extracted to **server**
* Involved in **gathering** the **requirements** and **analyzing** the requirements. Regularly interacting with customer to resolve issues. Responsible for **Preparing the Report Design specifications** based on the User's requirement
* Created List, **Cross Tab Reports with Quick Filters**, Summarized Filters.Developing, Designing and supporting interactive **Tableau Dashboard reports.** Experience with the design and development of **Tableau visualization solutions**
* Created **Bar Charts, Columns Charts, water fall charts, Heat Maps, And Geographical Maps**

**Environment:**Tableau software8.3xs, Tableau Desktop, Tableau Server, Oracle, Informatica, Windows.

**Client: Allstate - Pune, India Oct 15 to Aug 16**

**Role: Tableau Developer**

**Responsibilities**:

* Extensively participated in discussions of **BI team with business team and BA to get requirements**
* Involved in **enhancements** for **existing dashboards by optimizing the workbooks**
* Created a **Supply Chain Dashboard** using **Tableau**in which the **Order Booking** and **Shipments were visualized** at each step
* **Validated data** by comparing the data with different data sources using **EXCEL** and fixed the **data issues**
* Created **user training documents** to educate the Users to make the use of **Tableau Dashboards** effectively
* Extensive use of **SQL queries** for **loading data** and **creating data extracts**
* Analyzing the **customer retention details** based on regions and customer segments using **bar charts and tree maps**
* Worked on various internal projects for different departments like **QA and Sales Team**
* Organized user demos on **Tableau server features** like **printing workbooks** and **email subscriptions**
* Created **Tableau workbooks** using **Oracle** as data source. Performed tuning of **SQL queries** to optimize the **dashboards**
* Created **dashboard**-using **parameters, sets, groups and calculations.** Created **action filters, parameters and calculated sets** for preparing **dashboards** and worksheets in **Tableau.**

**Environment:**Tableau Desktop, Tableau server, Oracle 11g and Windows.

**Client: HSBC - Hyderabad, India Jul 13 to Sep 15**

**Role: Tableau Developer/Admin**

**Responsibilities**:

* Handled **Tableau admin activities** granting access, managing extracts and scheduling of the dashboards
* Generated Dashboards with Quick filters, Parameters and sets to handle views more efficiently
* Published Workbooks by creating user filters so that only appropriate teams can view it
* Analyzed the source data and handled efficiently by modifying the data types
* Generated context filters and used performance actions while handling huge volume of data
* Generated **Tableau dashboards** for sales with forecast and reference lines
* Generated **Tableau dashboards** with combination charts for clear understanding
* Participated in meetings, reviews, and user group discussions as well as communicating with stakeholders and business groups
* Defined best practices for **Tableau report development**
* Executed and tested required queries and reports before publishing
* 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 **Tableau Server**
* Tested dashboards to ensure data was matching as per the business requirements and if there were any changes in underlying data

**Environment:** Tableau 7.0, Tableau Server, MS SQL, Oracle, MS Office

**Client: Deutsche bank - Mumbai, India May 12 to Jul 13**

**Role: SQL Developer**

**Responsibilities**:

* Performed **data consistency** and performance tuning effectively with **SQL Profiler**, Index Tuning Wizard
* Created and **maintained database objects, created complex Stored** **Procedures,** Triggers, Cursors, Tables, Views and SQL Joins and other statements for various applications
* Created various reports using **SQL Reporting Services.** Developed complex reports, which are migrated from different reporting tools
* Analyzed the **existing application programs and tuned SQL queries using Execution plan**, SQL performance Monitor, SQL Profiler
* Created and **wrote database objects such as tables, indexes, views, procedures, functions, triggers, SQL code with proper grants to all the users and roles**
* Interacted with developers on various aspects ranging from usage of utilities to SQL performance, test data and general troubleshooting
* **SQL performance tuning** by modifying SQL or adding/changing indexes. Created and automating the regular jobs
* Prepared the reports for the day-to-day as well as weekly/monthly purposes in various formats like MS Excel, PDF, HTML, and XML etc. Integrated Stored Procedures to generate the Reports

**Environment:** MS SQL Server 2008, SQL, MS Access, Flat files, Windows XP