Prashanth Pothula

## Senior Tableau Developer

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**Professional Summary:**

* Around 8 Years of IT experience in Business Intelligence, Data warehousing, Data architecture and Data Modeling. Experience including analysis, modeling, design, and development of Tableau reports and dashboards for analytics
* Strong Knowledge and hands on experience of SDLC methodologies and Business Process Models (BPM) like Agile Modeling and Waterfall model.
* 8+ years of experience in Data warehousing and Business Intelligence technologies along with strong experience of data visualization using Tableau.
* Tableau Desktop 7x//8x/9x/10/10.1/10.2/10.3/10.4/10.5
* Expertise in performing development activities from gathering requirements and designing solutions, through developing code/ reports to testing, release/deployment.
* Ability to analyze and dissect user requirements and build front-end BI applications according to specifications.
* Proficient in design and development of various dashboards, reports utilizing Tableau Visualizations like Dual Axis, Bar Graphs, Scatter Plots, Pie-Charts, Heat Maps, Bubble Charts, Tree Maps, Funnel Charts, Box Plots, Waterfall Charts, Geographic Visualization and other making use of actions, other local and global filters according to the end user requirement.
* Worked extensively on joining tables, multiple data connections using blending, worked on Data Extracts and managing queries.
* Mastered in using Filters, sorts, groups and Sets, reference lines, Bands and Boxes in different kinds of charts.
* In depth knowledge in Tableau advance analysis features like Actions, Calculations, forecasting, Parameters and Trend lines.
* Mastered the ability to design and deploy rich Graphic Visualizations Parameters using Tableau.
* Built interactive dashboard using techniques like guided analytics and visual best practices provided by Tableau.
* Worked on Tableau administration tasks such as publishing workbooks, setting permissions, managing ownership, working with Sites, providing access to the users and adding them to the specific groups and Projects, Scheduling Refreshes and Subscriptions in Tableau Server.
* Practical understanding of the Data modeling (Dimensional & Relational) concepts like Star-Schema Modeling, Snowflake Schema Modeling, Fact and Dimension tables.
* Been part in writing technical requirement documents and low level design documents.
* Experienced in requirement gathering/analysis, design, development, testing, and production support of reporting and analysis projects.
* Proficient in Oracle Database and UNIX Shell Scripting.
* Involved in Full Life Cycle Development of Reporting Projects, includes Requirements
* Involved in Gathering/ analysis, Design, Development, Testing and Production rollover.

**Technical Skills:**

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| --- | --- |
| ETL/BI Reporting Tools | Tableau Suite of Tools which includes Desktop, Server, online and Public. Informatica Power Center Designer |
| Databases | MS SQL Server 2008/2008R2/2012, MS Access, Oracle 11g/10g/9i/ using PL\*SQL Developer tool. |
| Programming Languages | C, C++, ASP.Net, Basic Java, HTML, SQL, PL/SQL |
| Computer Skills | MS Office - Excel, Word, Access, Outlook, Publisher, PowerPoint |
| Operating Systems | UNIX, Windows ME /2007/2010, Sun Solaris 2.x / 7 / 8. |

**Professional Experience:**

**Hewlett Packard Enterprise, Conway, AR May 2017- Tilldate**

**Sr. Tableau Developer**

**Responsibilities:**

* Created Interactive Dashboards with Context filters, Quick filters, Parameters and Actions to handle views more efficiently.
* Gather functional and technical requirements from clients and implementing them in Tableau.
* Use informatica to pull data from the data warehouse and populate them across the stages staging, integration and distribution.
* Hook up Tableau reports to the distribution tables from informatica.
* Gathered requirements from Traders, PM’s and implemented them in a way to help them in the investment process.
* Responsible for accessing disparate sources of production data and integrated these sources of information into common and interactive platform through Tableau.
* Designed dashboard visualization tailored to customer needs and ensuring flawless integration within the reporting framework.
* Performed analysis to build Tableau extract data sources leveraging existing data mart.
* Used live connection Oracle database schemas to provide near real-time data.
* Migrated Tableau Dashboard from version 9.3 to 10.3.2 and adding users to the AD group.
* Technical expertise in identification of solutions meeting complex business needs that facilitates automation and drives self-service.
* Created Interactive Dashboards with Context filters, Quick filters, Parameters and Actions to handle views more efficiently.
* Created Dual axis charts, Stacked bar, Histograms and Line charts for time series.
* Used Box plot to show the distribution of outliers which aren’t performing well.
* Did Data validation with backend database once the dashboard is created.

**Environment:** Tableau Desktop 9.3.x/10.3.x,10.4,10.5, Informatica 10.x, Tableau Reader 10.3.x, Rapid SQL, PL/SQL, Redshift, Microsoft Excel 2010, Microsoft office 2010.

**Petco, San diego, CA Jun 2016 to May 2017**

**Sr. Tableau developer**

**Responsibilities:**

* Working as an active member of Reporting & Analytics team for providing critical analysis to multiple business groups across the company. Develop effective and scalable Business Intelligence solutions including Data Visualizations, Dashboards, Reporting Data Marts, operational Reports and Data Integration solutions.
* Preparing Dashboards using calculations, parameters in Tableau 10.4. Responsible for creating the complex Analytical, Executive and operational Tableau Reports.Connect to live databases and creating the Tableau data extracts for creating the workbooks.
* Connect to multiple data sources (excel files, flat files, SQL Server) to do analytics in Tableau Desktop and creating the Data extracts and data sources, publishing to Tableau server.
* Design, Develop, Test, Publish and maintain PowerBI Functional reports, Dashboards based on user requirements.
* Automated several critical reports and created reusable utilities using Unix Shell Scripting to reduce the number of repetitive requests from users.
* Develop and implement data collection systems and other strategies that optimize statistical efficiency and data quality. Interpret data, analyze results using statistical techniques and provide ongoing reports.
* Involve in testing the SQL Scripts for report development, Tableau reports, Dashboards, Scorecards and handle the performance issues effectively.
* Use Spark cluster to manipulate RDD’s (resilient distributed datasets) and also used concepts of RDD partitions.
* Wrote Python modules to extract/load asset data from the MySQL source database.
* Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.
* SQL Server (experience in designing database, writing and implementing SQL stored procedures and scripts, and performance tuning).

**Environment:** Tableau Desktop,10.4, Tableau Reader 10.3.x, Power BI, Rapid SQL, PL/SQL, python, Redshift, Microsoft Excel 2010, Microsoft office 2010.

[**Whataburger, San Antonio, Texas**](https://www.linkedin.com/company/38204/) **April 2015 to May 2016**

**Sr. Tableau Developer**

**Responsibilities:**

* Interacting with Business Architecture and Reporting Manager, gathering the requirements according to client needs.
* Gathered user requirements, analyzed and designed software solution based on the requirements.
* Collaborate with end users, project stakeholders and support partners to identify needs, goals, and business models.
* Built functionalities by writing condition to incorporate with various metrics and hands on experience in Level of Detail Expressions (LOD’s) such as Daily profit KPI, Percent of total, yearly trending analysis and root cause behavior.
* Writing complex SQL queries on Teradata handling source data challenges and adapting to the dynamic nature of the project.
* Developed various reports using SQL for Inventory Management and Innovations team in accordance with Business Strategies.
* Created Dashboards using calculations, parameters, calculated fields, groups, sets and hierarchies in Tableau.
* Highly experienced in creating Oracle BI Publisher Report Templates using BI Publisher Desktop Edition.
* Designed and deployed interactive reports with Drill Downs, Drop down menu option, Parameters and Linked reports using Tableau
* Built reporting against Single, Multiple Tables, Views and Complex Custom SQL
* Build and publish Tableau reports utilizing complex calculated fields, table calculations, filters, and parameters
* Scheduled data refresh on Tableau Server for Daily/weekly/monthly increments based on business change to ensure that the views and dashboards were displaying the changed data accurately.
* Develop parameter-based reports, drill-down reports, charts, and Tabular reports using Tableau Desktop
* Migrated all dashboards from Tableau 9.1 to 10.1
* Used SQL tools like Squirrel and Teradata SQL Assistant to run SQL queries and validate the data in the warehouse and marts.

**Environment:** Tableau Desktop 9.1, Tableau Server 9.1, SSIS, SQL, MS Excel, Flat Files, SQL Server 2012. CSV, MS Excel, MS SQL Server 2012 R2, Win Server 2012 R2, Active Directory

**Yum Brands, Plano TX Jan 2013 to April 2015**

**Tableau Developer**

**Responsibilities:**

* Analyzed business requirements and build logical data models that describe all the data and relationships between the data.
* Involved in gathering client requirement and developed Tableau reports based on user defined ad hoc user Interface for end users.
* Involved in analyzing and designing disaster recovery / replication strategies with business managers to meet the business requirements. Conceptualized and Designed Logical and Physical Data Models using Erwin.
* Created Complex ETL Packages using SSIS to extract data from staging tables to partitioned tables with an incremental load.
* Experience in generating On-demand and Scheduled Reports for business analysis or Management decision using SQL Server Reporting Services.
* Designed complex reports including sub reports and formulas with complex logic using SQL Server Reporting Services (SSRS).
* Involved in creating views, stored procedures, and custom SQL queries to import data from SQL server to Tableau.
* Created usage-based aggregations in cube to minimize time for query retrieval from client tools Tableau and Qlik view.
* Involved in developing Tableau Dashboards using both relational and Multidimensional data.
* 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.
* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets.
* Administered user, user groups, and scheduled instances for reports in Tableau. Converted metric insight reports to Tableau reports.
* Create, customize & share interactive web dashboards in minutes with simple drag & drop.

**Environment:** SQL Server 2012, 2014, Management Studio, Business Intelligence Development Studio (SSIS, SSAS, SSRS), visual studio 2013, Tableau Desktop, Tableau server / Administrator, tabcmd.

**Deutche Bank, Bangalore, India June 2010 to Nov 2012**

**Tableau Developer/Admin**

**Responsibilities:**

* Created customized Calculations, Conditions and Filter (Local, Global) for various analytical reports and dashboards.
* 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.
* Designed and deployed rich graphic visualizations with Drill Down and Drop down menu option and used parameters using Tableau.
* Attended meetings with the Client SME’s, to acquire functional business requirements in order to build SQL queries that would be used in dashboards to satisfy the business’s needs.
* Interacted with business users and performed Gap Analysis of Client requirements.
* Actively participated in clarification meeting with the Clients.
* Involved in testing the SQL Scripts for report development, Tableau reports, Dashboards, Scorecards and handled the performance issues effectively.
* Generated Tableau dashboards with combination charts for presenting KPI’s, with different Data Visualization Techniques like Tree Maps, Geo Maps, Stack Bars and Line Graphs for Showing Trend with Dual-Axis and Data Blending Techniques.
* Developed key indicators and appropriate tracking reports with graphical and written summations to assist in the quality improvement initiatives.
* Worked on Custom complex SQL Queries to generate data from various data sources to generate Innovative and Powerful dashboards for easy data visualization and analytics in Tableau.

**Environment:** Tableau Desktop 8.0, Tableau Reader, Tableau Server 7/8, Tabcmd, MS SQL Server 2012,

TSQL, MS Excel, SQL Server Management Studio, Share Point, MS Office 2010/2013.