**Sushma Reddy Bekkari**

**Sr. Tableau Developer/ Sr. Data Analyst**

**EMail:** [**Sushmareddy0508@gmail.com**](mailto:Sushmareddy0508@gmail.com)

**Ph: (484)364-5552**

**SUMMARY**

* **6+** years of experience in software design, development, implementation and maintenance An IT professional with experience in software design, development, implementation and maintenance of **BI tools and applications**, **data discovery, data visualizations, data analysis** and **report development** using **Tableau, MicroStrategy, SSRS, Teradata, Oracle, SQL Server, Informatica, SSIS, Alteryx, etc**.
* **3+** years of extensive experience in **Tableau Desktop, Tableau Server** and **Tableau Reader** in different versions of **Tableau 10.x/9.x/8.x/ 7.x.**
* In depth knowledge of SDLC phases such as Requirement analysis, design, development, implementation, deployment and maintenance with strong understanding of methodologies like **Waterfall, Agile, RAD and RUP**.
* Extensive experience in conducting **Gap Analysis**, Business Process Re-engineering, designing work flows and communicating the trade-off decisions on product features based on technology, budget constraints and customer requirements.
* Organized numerous **Joint Application Developments (JAD)** sessions, interviews, workshops and requirement elicitation sessions with end-user/clients/stake holders, subject matter experts and the technology group.
* Proficient with design and development of various dashboards utilizing **Tableau visualizations** like **bar graphs, lines and maps, scatter plots, pie-charts, histograms, bullets, geographic visualizations, heat maps and highlight tables**.
* Expert in developing compelling and interactive dashboards by making use of **actions, local and global filters, analytics commands,calculated fields, LOD, groups, sets, hierarchiesandparameters** in **Tableau.**
* Good experience in assisting/**training users** to create and modify worksheets and data visualization dashboards using Tableau Desktop.
* **Administered user, user groups and scheduled instances** for reports in Tableau.
* Involved in **troubleshooting, performance tuning** of reports and resolving issues within Tableau Server and Tableau desktop reports.
* Expertise in data cleansing for analysis, perform data quality testing for gaps, and liaising with data origination teams.
* Possess strong knowledge of database management in writing complex **SQL** queries, **stored procedures, database tuning, query optimization** and resolving key performance issues.
* Proficient in developing **Entity-Relationship diagrams, Star/Snow Flake schema** designs and expert in modeling transactional databases and data warehouse.
* Outstanding data analysis skills including **Data mapping** from **source to target** database schemas, **Data Cleansing** and processing, writing data extract scripts/programming of data conversion and researching complex data problems and generating analytical reports/dashboards.
* Coordinated Technical Reviews, developed System requirements. Supported status reporting and test execution for **Unit testing, Integration testing, Regression testing and User Acceptance Testing (UAT)**.
* Good working knowledge of **Meta-data management** in consolidating metadata from disparate tools and sources including **Data warehouse, ETL** and relational databases.
* Excellent communication, interpersonal and analytical skills with ability to manage and work effectively to meet deadlines in fast paced environment.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **BI Tools** | Tableau (Desktop/Server) 10/9.x/8.x/7.x, MicroStrategy, SSRS |
| **ETL / Data Blending Tools** | Alteryx, Informatica, SSIS |
| **Requirements Management** | Requisite Pro, Microsoft Office |
| **Front End Tools** | Microsoft Project, Microsoft Office, Visible Analyst, Lotus Notes |
| **Databases** | Hive, Teradata, Oracle, SQL Server, DB2, Sybase, Access |
| **Data Modeling** | Power Designer, ERwin, MS Visio |
| **Methodologies** | Data Modeling – Logical/Physical/Dimensional, Kimball/Inmon, Star/Snow Flake Schema, ETL, OLAP, Waterfall, Agile, Iterative |
| **Scripting Languages** | Javascript, C, C++, HTML, SQL, PL/SQL and XML |
| **Defect Management Tool** | HP Quality Center 10.0 |

**PROFESSIONAL EXPERIENCE**

**Samsung Research America, Mountain View, CA Aug 2016– Current**

**Sr. Data Analyst/Sr. Tableau Developer**

Samsung has evolved to a world-class corporation with businesses that span advance technology, semiconductors, skyscraper and plant construction, petrochemical, fashion, medicine, finance, hotels and more. Samsung is committed to inspiring communities around the world by developing new technologies, innovative products and creative solutions. The project was to migrate data from Salesforce, ELQUA, D&B and Adobe Audience Manager to Usas and AWS (C-360).

**Responsibilities:**

* Coordinated with business customers to gather business requirements and document gap analysis.
* Developed HiveQL queries to do analysis and identify correlations.
* Data Profiling of source using Hue (Hadoop/Hive UI) and supporting developers by testing the target on AWS and USAS.
* Responsible for publishing Mom's(Minute of meeting) and updating the daily progress to webpage.
* Worked on identifying partition fields and nested filed in process of Migrating of huge amounts of data from different databases (i.e. Salesforce, Eloqua,D&B,AAM) to AWS.
* Extracting data from databases like Salesforce, Eloqua, Cloudera Hadoop server and Excel files for getting data to Tableau for creating various dashboards.
* Provided customer support to Tableau users and Wrote Custom SQL to support business requirements.
* Worked on Tableau to build customized interactive reports, worksheets and dashboards for the data migrated to AWS.
* Used Tableau to connect to cloudera Hadoop connector generate daily reports of data.
* Created Groups, hierarchies, and Sets to create detail level summary reports and dashboards using KPI's.
* Created Python script to retrieve data from salesforce also for automatic refreshment of data.
* Responsible for Data loading involved in creating Hive tables and partitions based on the requirement.
* Distributing Tableau reports using techniques like Packaged Workbooks, PDF to different user community.
* Connected to AWS using Hive/Impala native connectors and performed data validations for the target.
* Involved in resolving reporting issues and design issues throughout the reporting life cycle.

**Environment**: Tableau (Desktop/ Server)9.x/10, Hive, SQL Developer, Informatica Power Center, SQL Server, Salesforce.com, Control-M, SQuirreL SQL Client 3.2.1, Workbench(SOQL).

**AMR Capital Trading, NY Oct 2015–July 2016**

**Sr. Tableau Developer/ Data Analyst**  
AMR Capital Trading is a privately held securities trading company with around 300 day traders dealing in listed equities, bonds, futures and commodities. The trading system used by AMR was missing Indications and Imbalance functionality.

**Responsibilities:**

* Work with the businesses and project team members (Architect, Solution Designer, and SME’s) to understand and create reporting solutions. This includes prototyping potential solutions, or modifying existing work to meet new or changing needs through the use of development standards, processes, and tools available to the team.
* Conducted JAD sessions, interacted with the End users on a regular basis for resolving issues pertaining to the reports, attending weekly status meetings.
* Understanding of using structured data, dimensional models or cubes and various forms of ETL for reporting.
* Involved extensively in designing and functional specifications for all the modules of Business Objects.
* Created data mapping documents for the worksheets to be built.
* Designed and Developed data mapping procedures **ETL**-Data Extraction, Data Analysis and Loading process for integrating data using Informatica.
* Designed and developed a business intelligence dashboard using Tableau software allowing executive management to view current and past performance sales trends, forecast sales, and to track existing customer sales.
* Analyze business requirements from BlackBox Testing perspective, business process an system architecture/design
* Maintained documents for change request and implemented procedures for testing changes.
* Actively tracked schedule, clear and crisp communications with key resources, stake holders and SMEs to keep everyone involved in the project on the same page, milestone trackin gand avoiding scope creep issues.
* Created Complex workbooks and Dashboards by connecting to multiple data source using data blending.
* Handled exceptions, errors and application crashes using Recovery Scenarios in Quick Test Pro (QTP) additional practical points.
* Used Tableau URL Actions to navigate from the main Dashboard to detail Reports
* Created Advanced Charts using Tableau Desktop like Box and Whisker plots, Bullet charts, Waterfall charts for measuring the Sales growth by different departments within the company.
* Created and edited the update schedules, managed scheduled update tasks on Tableau server.
* Created Tableau dashboards using advance charts, drill downs, stack bars, bar graphs, scattered plots, and geographical maps.

**Environment:** Tableau 9.x/8.x, Oracle, SQL Server, Toad, SAP BW, Power Designer, Mercury Test Director, Business Objects, Microsoft Office (Word, Access, Excel, Outlook, Project).

**JPMorgan Chase, Houston, TX ` Aug 2014 – Sep 2015**

**Sr. Data Analyst/ Business System Analyst** JP Morgan Chase is a U.S. multinational banking and financial services corporation headquartered in New York. The company was formed when Chase Manhattan Corporation merged with J.P. Morgan & Co. in 2000. It is one of the largest banks in the United States with major provider of financial services in investment banking, consumers and small businesses, commercial banking, financial transaction processing and asset management. JP Morgan Chase is one of the Big Four banks in the United States.

**Responsibilities:**

* Interacted with business users and performed Gap Analysis of Client requirements
* Elicit business solutions to develop SOX compliance into the existing procurement workflow executed through IT channels.
* Performed Analysis of Reference Data, Data sets and Asset classes in order to bring data into the central repository.
* Worked extensively with MS Visio and Rational tools to document requirements.
* Created the AS-IS and TO-BE process flow diagrams.
* Defined the scope of the project based on the gathered business requirements including documentation of constraints, assumptions, business impacts, project risks and scope exclusions
* Defined functional business requirements, analyzed client requirements, and generated workflow processes
* Prepared Business Requirement Document and then converted business requirements into Functional Requirements Specification.
* Assisted in project management activities like planning, development, task allocation, project execution
* Provided full project life cycle flowcharting, analysis and documentation.
* Responsible for extracting, transforming, and loading data from ODS, flat files and placing it into data warehouse.
* Designed, developed, and tested the jobs, using Data Stage
* Involved in the some part of performance tuning.
* Developed simple and complex jobs using Data Stage to load dimensions and fact tables as per STAR schema techniques.
* Created Data Definitions and help maintain Metadata repository.
* Utilized Erwin for reverse engineering the database from DDL scripts.
* Experience in using MicroStrategy in creating and managing reports for an organization.
* Created documentation, worked with users for new module enhancements and testing.
* Designed and Developed Drill through Reports, Dashboards and modified the existing Dashboards using MicroStrategy desktop.
* Interacted with the End users on a regular basis for resolving issues pertaining to the reports.
* Defined project milestones, schedules, monitoring progress and updating plans using MS Project.
* Prepared monthly status reports for Enhancement Requests to the project team that was used in efficient tracking and monitoring of open issues of the project.

**Environment:** Oracle, Toad, Data Stage, MicroStrategy, Autosys, UNIX, Microsoft (Word, Access, Excel, Outlook), RUP Methodology, MS VISIO, MS Project.

**Oriental Insurance - Hyderabad, India Aug2011-Dec2013  
SQL Server Developer**

Oriental uses Transcend application for administering and servicing its Annuity line of products. The application is modular in design and comprises subsystems for policy administration, agent/agency management, financial systems, Document Control, Product, Activity Processors, etc. The Project also dealt with reporting capabilities using dimension and data marts for Policy administration, Processing, Reports, Death Processing, Rider fee and Bonus calculation, Settlement Phase & Accumulation phase processing.

**Responsibilities**

* Backend database development in MS SQL Server, writing complex queries, stored procedures, views, triggers, cursors, UDFs.
* Responsible for installation of SQL Server, database design, and create schema objects like tables, views and indexes.
* Performed Database code Migration from SQL Server 2005 to 2008 in SDLC environment using Bridging Scripts, Column Mapping Tool and Source Control Explorer in Visual Source Safe (VSS) and finally passing all triggers, views under Unit Testing for validating data insert, update and delete.
* Experience in SQL joins, sub queries, tracing and performance tuning for better running of queries.
* Extensive use of Triggers to implement business logic and for auditing changes to critical tables in the database.
* Experience in development of extracting, transforming and loading (ETL), maintain and support the enterprise data warehouse system and corresponding marts
* Experience with SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints and scripting with Active-X and VB.NET in SSIS.
* Experience in SSIS script task, look up transformations and data flow tasks using T- SQL and Visual Basic (VB) scripts.
* Experience in generating reports using linked reports, sub reports and filters in SQL server reporting services.

**Environment:** MS SQL Server 2008/2005, T-SQL, SSRS, SSIS, Windows XP, MS Visio, MS Projects.