**Sudip B. Khanal**

**Us Citizen**

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**Herndon, VA**

**Data Analyst/Data Warehouse Analyst/Tableau/BI Developer**

**Summary:**

* **8 + years** of experience in **Data warehousing** and **Business Intelligence** technologies along with 4+ years of **data visualization** using **Tableau Desktop**
* **Tableau tools** include **Tableau Desktop** versions 6/7/8.1/9.x, **Tableau Reader,Tableau Public**, and **Tableau Server.**
* Produced attractive visuals/dashboards to convey the story inside the data
* Experienced in requirement **gathering/analysis,** design, development, testing, and **production rollover** of reporting and analysis projects.
* Administered user, user groups, and scheduled instances for reports in **Tableau Server.**
* Strong knowledge of **Software Development Life Cycle** (SDLC)
* Good understanding and **background** in **financial services, media, and telecom industry.**
* Comfortable working independently or with team with limited supervision and working in tighter schedules, meeting deadlines, and ability to learn on the fly.
* Ability to interact professionally with a diverse group including executives and managers.
* Technically hands-on **commercially experience** mainly with **full range of BI Skills with Tableau 7x, TableauDesktop, Tableau Server and Tableau Public,MS SQL Server,SSIS, SSAS, SSRS,** MS Performance Point Server (PPS 2007) and **Informatica.**
* Expertise in **Tableau BI reporting tools & Tableau Dashboards Developments & Server Administration.**
* Designing, building and deploying, **publishing data analysis reports/dashboards** for large volumes of data
* Mastered in creating solution **driven dashboards** by developing different **chart types** including Crosstab’s, **Heat/Geo/Tree Maps, Pie/BarCharts, Circle Views, Line/Area Charts, Scatter Plots, Bullet Graphs**, and Histograms in **Tableau Desktop.**
* Extensive experience in creating several reports such as drill down, drill through reports, **parameterized reports, linked reports, Heat Maps, Dual Charts, Action Dashboards and cascading reports using Tableau.**
* Experience in designing stunning visualizations using **Tableau software and publishing** and presenting dashboards on **web and desktop platforms.**
* Experience in configuring reports from different **data sources using data blending.**
* **Implemented Tableau/oracle BI security at the Data (Data security)** and **object (Roles and Permissions) security.**
* 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.
* Expertise in **Oracle, SQL Server, Informatica, SSIS, SSRS, UNIX, Microsoft Office Suite**
* Proficient Star Schema dimensional modeling, which includes understanding **business processes,** modeling dimensions, hierarchies and facts.
* Posses’ strong knowledge of **database management** in writing complex **SQL queries, Stored procedures, database tuning,** query optimization and resolving **key performance issues.**
* Good knowledge of **Business Intelligence/Data Warehousing BIDW** Fundamental **architecture** concepts, dimensional **modeling, requirement gathering.**
* Proven as a dedicated, worth full and energetic well-rounded **Business Intelligence/DWH** background professional in growth oriented reputed organizations that gives me scope to apply my knowledge and skills.
* Self-motivated high-energy person who enjoys challenging assignments and good at working on multiple engagements.

**Technical Skills:**

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| --- | --- |
| BI Tools | Tableau 7.x/8.x, SSRS |
| ETL Tools | Informatica, Talend, Microsoft SQL Server Integrated Services(SSIS) |
| Requirements Management | Requisite Pro, Microsoft Office (Word, PowerPoint Excel) |
| Front End Tools | Microsoft Office, Visible Analyst |
| Databases | Oracle, SQL Server, |
| Document management | Visual Source Safe 6.0, Share point, Ultra Edit, Documentum |
| Programming Languages | C, C++, HTML, SQL, PL/SQL, XML. |
| Data modeling | Power Designer, MS Visio |

**Professional Experience:**

**JPMC Bank, DUBLIN OH**

**Data Analyst/Tableau developer April 2016 to April 2017**

**Responsibilities:**

* Organized JAD sessions with on site& offshore team, Presented Agenda, Procedure, and Targeted goal, timeline and Scope
* Involved in analyzing the user requirements and transform them into Tableau Dashboards and Reports.
* Developed tableau server audit reports to view and analyze tableau server insights (health, tableau server usage, tableau server data extract failures etc.)
* Tableau server status reporting and data extract management.
* Worked with Stakeholders and business users for mentoring and training.
* Creating and maintaining new data extracts as per the new requirements,
* Resolving ODBC driver issues with the data extracts,
* Tableau desktop and server tickets resolution (primary contact for support)
* Resolving tableau dashboards development and performance issues
* Developed Tableau data visualization using Pareto’s, Combo charts, Heat maps, Box and
* Created Data flow initiative, Developed flow charts, Performed Source to Target Mapping
* Verified data as per requirements and used changed process for Data Modification
* Performed Data Cleansing, Data profiling & Data Quality Analysis by using Informatica Analytics,
* Participated and contributed in Requirement gathering for Data warehousing, data migration, and data integration projects.
* Performed ETL Data mapping using Informatica, build SQL quires for source design
* Performed Data research and Analysis for data certification to Validate SOR, Valid Values and Data Lineage, Data Mining and Visualization
* Managed Metadata & Performed DQ Analysis using Informatica, MRDX (Excel based tool), and Meta Tracker (MS Access) tools
* Performed Data Naming, Data Merging & Data definition, & Metadata Management and Gap analysis
* Maintained and followed Professional Metadata Governance Principles for PI and Non PI DEs
* Created test cases for reports requirements and UAT, executed all the test cases.
* Created the test data for the flat files and verified the error logs
* Involved in testing of the Verification and Validation and Production defects
* Performed Data security and Criticality analysis to categories data as Critical or non critical data
* Extensively used MS Office (Word, Excel) in documenting & reporting errors with screenshots Ms Visio to develop DFDs
* Participation in kick-off, review, release readiness meetings and involved in multiple projects

**Environment:** ICDW**,** Meta Tracker,(MS Access based tool), MRDX(Excel based tool), SharePoint, Jira, TDSQL Assistant, PL/SQL Developer, SQL, Windows 2000/XP, MS Office Suite, Oracle 10g/9i, Toad, Rational Clearquest,  Windows NT and Informatica

**Mayo Clinic, Rochester, MN**

**Tableau Developer/Data Analyst July 2015 to Mar 2016**

**Responsibilities:**

* Expertise in **creating dashboards** by **extracting data from different sources.**
* Created **dashboard** using parameters, sets, groups and calculations.
* Extensively experienced in creating interactive **dashboard and applied actions** (filter, highlight and URL) to **dashboard.**
* Experience in creating calculated fields, **mapping and hierarchies.**
* Created drill through **reports in dashboard.**
* Configured in creating **data blending** in case of merging different sources.
* Experience in creating a **dual-axis bar chart with multiple measures.**
* Mastered in extraction, **transformation** and loading of **data directly** from **different source systems** like **flat files, Salesforce, Oracle and SQL Server.**
* **Developed LOD reports on various KPI’s.**
* Performed **Tableau type conversion functions** when connected to **relational** and **SAP BW data sources.**
* **Maintained and Installed Tableau Server in all the environments.**
* Created incremental refreshes for **data sources on Tableau server.**
* Ability to authoring on **Tableau server** by changing mark types and adding filters **directly in a web browser.**
* Hands-on development **assisting users** in **creating and modifying worksheets** and **data visualization dashboards.**
* Created **report schedules, data connections, projects, groups in Tableau server.**
* Experience in creation and updates of several **SQL Index, Views, Complex Stored Procedures, triggers and appropriate User defined functions.**
* Manages platform admin **functionalities** including **installations/configuration, upgrades, patches, changemanagement, performance tuning, standards/ best practices, mentoring, metadata management, cluster/distributed management, cache/ history management, user management, scheduling.**
* Used **ETL process to Extract, Transform** and **Load the data into stage area and data warehouse.**
* Documented complete **server architecture** and solutions to **troubleshoot performance,** scheduling, and **server related issues.**

**Environment:** Tableau 9.0, Windows, SQL Server, Excel, Data stage and other internal source applications

**Freddie Mac, McLean VA**

**Tableau Developer/Data Analyst February 2014 to June 2015**

**Responsibilities:**

* Extensive experience in reviewing **business requirements** and **analyzing data sources** form **Excel/Oracle SQL Server** for design, development, testing, and **production rollover** of **reporting** and **analysis projects within Tableau Desktop.**
* Created views in **Tableau Desktop** that were published to internal team for review and further **data analysis** and customization **using filters and actions.**
* Created Heat **Map** showing **current service subscribers** by color that were broken into regions allowing **business user** to understand where we have most users vs. least users.
* **Projected and forecasted future growth by developing reports to show in detai.**
* Converted **charts** into **Crosstabs** for further **underlying data analysis** in **MS Excel.**
* Created **Bullet graphs** to determine profit generation by using measures and **dimensions data** from **Oracle SQL Server and MS Excel.**
* **Blended data from multiple databasesinto one report** by selecting **primary key’s from each database for data validation.**
* Combined views and **reports** into **interactive dashboards** in **Tableau Desktop** that were presented to **Business Users, Program Managers, and End Users.**
* Reviewed basic **SQL queries** and edited inner, left, and right joins in **Tableau Desktop** by connecting **live/dynamic and static datasets.**
* Developed **story telling dashboards in Tableau Desktopand published them on to Tableau Server** which allowed **end users** to understand the data on the fly with the usage of quick filters for on demand needed information.
* Scheduled data refresh on **Tableau Server** for weekly and monthly increments based on business change to ensure that the views and **dashboards** were displaying the changed **data accurately.**
* **Tested dashboards** to ensure data was matching as per the **business requirements** and if there were any changes in underlying data.
* **Collaborate with development team** on **data approach for coding Understand data guidelines,** and understand data sources available, what is new based on requirements, and how **the project will impact common data stores**
* Participated in meetings, reviews, and **user group discussions** as well as communicating with **stakeholders and business groups.**

**Environment:** MySQL, Oracle, Essbase, Source System Applications and Data Visualization Tableau 8x Desktop and Server, MS Excel.

**Sprint-Nextel Corp, Reston, VA**

**Data Analyst/ Tableau Developer September 2012 to January 2014**

**Responsibilities:**

* Mastered in reviewing requirements and **data sources form MS Excel and MS Access** for design, development, **testing,** and **production rollover** of **reporting and analysis projects** within **Tableau Desktop.**
* Used **Tableau Desktop** for blending databases and creating different **interactive views and dashboards.**
* Created **extract files** for improving the performance. **Used different Mark types and Mark properties in views** to provide better insights into **large data sets.** Created various types of **charts to provide better visualization.**
* Using **Tableau Desktop** created Interactive reporting dashboards by combining multiple views.
* Review **Vendors Status Reports with Project Team** and created visualization for **budget forecasting.**
* Published views and dashboards in **Tableau Server** for auditor review.
* **Performed data analysis** on daily, weekly, and monthly scheduled refresh of data based on that **business or system change** that have happened to ensure that the **developed dashboards** are displaying accurate and up-to-date live data and sent those into production after editing.
* Performed troubleshooting and performance tuning of reports and resolving issues within **Tableau Server and Reports.**
* Participated in weekly meetings, reviews, and user group meeting as well as communicating with stakeholders and business groups.

**Environment:** Oracle, SSIS, SSRS, SQL Developer, Power Designer, MS Office Suite (Word, Excel, PowerPoint).

**Verizon Telecom, Fairfax, VA**

**BI Developer/ Data Analyst November 2011 to September 2012**

**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 flow charting, 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 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.**
* Created documentation, worked with users for new **module enhancements and testing.**
* Interacted with the **End users** on a regular basis for **resolving issuespertaining 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, UNIX, Microsoft (Word, Access, Excel, Outlook), MS VISIO, MS Project.

**Computer Services Unlimited, Inc - Chantilly, VA Jan 2008- Sept 2011  
Contractor- Desktop Support Specialist**

**Roles & Responsibilities:**

* Provided daily desktop, technical end-user support and training to over 3,000 users. This includes problem resolution via remote control, phone, network, and e-mail in person.
* Created new user accounts, profiles, assign users specific rights as well as created home directories, assign to groups and map network drives.
* Performed XP deployment rollout for over 3,000 users on site and configure/ghost new PC’s with new image.
* Used SMS/PC Anywhere and Remote desktop connection to directly control and monitor remote clients as well as shadow RAS users that are connected.
* Supported over 250 enterprise applications.
* Trained new employees in current email software and develop Quick Desk Reference Guides.
* Troubleshot and resolved a wide variety of extensive desktop applications/issues, email problems, developed software and Internet based applications.
* Troubleshot PC related problems such as printer connection, remote location, hardware, scanners and other related peripherals.
* Installed software, hardware (floppy drives, memory sound devices, etc.).
* Performed daily database backup and recovery.
* Inputted trouble tickets via help desk software in order to track user problem and resolution.
* Researched, organized and established accounts with various vendors for hardware requests, repairs, equipment and services.
* Conducted myself in service-oriented manner that is attentive, pleasant, cooperative, sensitive, respectful and kind when dealing with users, visitors, public and all employees.
* Kept clients informed of all aspects pertaining to their service request and bring all customer requests to resolution and/or escalation to management or technical support.

EDUCATION:

Bachelors in Commerce (B.Com) 1993

Tribhuwan University