SUDHA RANI

Tableau Developer

# Email id: [sudharani.bi0525@gmail.com](mailto:sudharani.bi0525@gmail.com)

# Phone No: 8019350700



**Professional Summary**

* Tableau Developer with over 7+ years of experience in creating different visualizations using Bars, Lines and Pies, Maps, Scatter plots, Bubbles, donut chart using Tableau.
* Recognized consistently for performance excellence and contributions to success.
* Excellent problem solving skills with strong technical background having the ability to meet deadlines, work under pressure and quickly master new technologies and skills.
* Enthusiastic technical professional with complete understanding of entire software development lifecycle.
* Respectful self-motivator gifted at finding reliable solutions for software issues.
* Experienced in creating Complex Filters, Calculated fields for Complex reports, data blending, data extract, publishing, applying use as filter actions, quick filtering.
* Worked with multiple data connections Like EXCEL, TEXT, Oracle, MS SQL Server.
* Ability to handle multiple tasks concurrently.
* Used forecasting technique to predict the future requirements.
* Worked in AWS EC2, S3 ,AWS Stack ,VPC ,Load Balancers and Auto scaling.
* Knowledge in Power bi.

Certifications :

1. SnowPro Core

# Experience Details

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| **Organization** | **Designation** | **Duration** |
| TATA Cosultancy services PVT  LTD (previous Employment) | Tableau Developer | 14th July 2016 – 12th March 2020 |
| Mind Tree  (Current Employment) | Tableau Developer | 15th March 2020 to 31st August 21 |
| CIEL HR | Sr.Software Engineer | 2nd September to 24th December21 |
| HIREXTRA | Sr.Software Engineer | 10th January22 to 10th May 22 |
| Anblicks | Sr.Data Engineer | 12th May 22 to Till Date |

**Skills**

* Tableau Desktop
* Tableau Server
* Snowflake
* PowerBI
* SQL
* Oracle
* MS Excel
* Agile
* Scrum
* SDLC
* JIRA
* AWS Cloud

# Education

* Master of Computer Applications from Andhra University in 2006, VIZAG.

**Professional Projects**

**Project 1:**

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| --- | --- |
| **Project Name** | ASC |
| **Client** | ASC |
| **Location** | HYDERABAD |
| **Team Size** | 5 |
| **Solution Environment** | SNOWFLAKE ,MATILLION,POWERBI |
| **DataBase** | SNOWFLAKE |

**In Description :** ASC is Industrial Pipes Company,which is located in USA. Which is used to store the data in Snowflake with the help of Matillion and showcasing the data in PowerBI Reports .

**Responsibilities:**

* Created the Snowflake Warehouses .
* Created the Queries to load the Data into various layers.(DW/BI).
* Load the Tables into Matillion.
* Created the Pipe Lines for Orchestration

**Project 2 :**

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| **Project Name** | Infomedia Migration |
| **Client** | Infomedia |
| **Environment** | Tableau Desktop, Snowflake |
| **Team Size** | 6 |

**Project Description:**

Infomedia is an Automobile Platform to develop the Tableau Dashboards for UI Environment to show the End Business.

**Responsibilities:**

* Migrated the Data Sources from SQL to Snowflake in various servers(DEV,Stage,Prod)
* Created the Test Cases and validations were done
* Created DashBoards with different visualization s , Lines and Pies, Maps, Scatter plots, Bubbles, donut chart using Tableau.
* Worked on Tableau Server Issues.
* Run the Translation Jobs in various languages for Dashboard conversions.
* Created a Snowflake Queries for varios Dashboards.
* Extensively used the Filters and Parameters.

**Project 3:**

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| --- | --- |
| **Project Name** | Bridgetree PostMovers Analysis |
| **Client** | Bridgetree |
| **Location** | Banglore |
| **Team Size** | 5 |
| **Solution Environment** | Tableau, MS EXCEL, |
| **DataBase** | SQL, Flat Files,Oracle |

**Description** : PostMovers Analysis is a Outflow Customers data depending on various Cleansing steps. Which are interrelated to one another based on Time.

**Responsibilities:**

* Extensively used **Calculations**, **Filters**, **Conditions**, **Sorting**, **drill down**, and **Charts** for creating Tableau reports.
* Developed different types of visualizations reports like **bar charts**, **Line graphs**, **Text tables**, **stacked bars** and **donut** **charts** etc.
* Used filters, **quick filters**, **sets**, **parameters** and **calculated fields** on Tableau reports.
* Implemented **LOD’S** to make **Grand Totals** and **Sub-totals** independent of filters.
* Created **Hierarchies, sets, combined sets** and **Groups** in Tableau.
* Showing the bar graphs in the tool tip, done formatting at worksheet & dashboard level.
* In Dashboard created few ‘No data alerts’ when the data is not available.
* Performed **join** culling to increase the performance of the report when we had joined multiple tables.
* Participated in daily **scrum** calls with the peers.

**Project 4:**

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| **ProjectName** | E-commerce Store performance Analysis |
| **Client** | Yatra |
| **Location** | **Offshore**:Hyderabad |
| **Duration** | **Offshore**: Mar 2020 - Till date |
| **TeamSize** | **3** |
| **Solution Environment** | Tableau, MS EXCEL, Jira |
| **DataBase** | SQL , Flat Files, Oracle |

**Description:** To analyze how much customer bring revenue in future and analyze performance by delivery of product Also, to explore the relations between variables used in statistics like revenue generated by product category and in top 20 citied ,Profit and revenue over time.

### Responsibilities:

* Worked on gathering **Business Reporting Requirements** and prepared Technical Design Documents for Reporting needs.
* Designed and developed **Critical Dashboards** for Supply Chain Management Team using Tableau Desktop
* Implemented **Best Practices** for Dashboard Development using Tableau.
* Implemented **combine fields, Dynamic Calculated fields, and aggregated fields** to compare and analyze data in different perspectives.
* Designed Tableau views with quick/context/global filters, Table Calculations, Parameters, calculated fields and used Dual Axis to support Visualizations.
* Created **different Analytic views** in workbook to visually analyze data.
* Created extracts, published data sources to tableau server, refreshed extract in Tableau server from Tableau Desktop.
* Used different **Mark types** and Mark properties in views to provide better insights into large data sets.
* Experience in creating Filters, quick filters, **table calculations**, **LOD expressions**, **calculated measures** and **parameters**.
* Created **conditional filters** and **Action links** to filter the data on dashboard.
* Experience in creating various views in Tableau (Tree maps, Heat Maps, Scatter plot).
* Created Actions in Worksheets and Dashboards for interactivity and to compare data against different views.

## Project 5:

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| **ProjectName** | Auto insurance claim analysis |
| **Client** | **BAJAJ** |
| **Location** | **Offshore**:Hyderabad |
| **Duration** | **Offshore**: Jan 2018 - Mar 2020 |
| **TeamSize** | **2** |
| **Solution Environment** | Tableau, MS EXCEL, Jira |
| **DataBase** | SQL |

* + **Description:**To analyze claims received by an insurance companies in US and compare performance of Client Company with others through amount per claim, complaints received per policy, claim amount per premium amount etc.

### KPI / Chart Used:

**Claim Frequency,Average Cost per Claim,** average income, total and percentage of claim amount, amount per claim analysis by different categories, top costumers, state wise analysis of number of claims, total, average, maximum, minimum claim amount and income, number of complaints.

Map chart, Donut Chart, Stacked bar chart, Area chart. Dual axis charts.

### Responsibilities:

* + - Used calculated fields to compare and analyze data from different perspectives.
    - Created dashboards using the data extracted from the excel and generating reports by using Tableau desktop.
    - Bar charts, line charts, and maps are created
    - Worked on possible KPI’s like average revenue per policy, loss ratio, average cost per claim, claim settlement rate, severity, loss frequency, customer Acquisition rate, customer retention rate and various data insights that can help business.
    - Worked extensively with advanced analysis using filters, actions, parameters, and table calculations.
    - Used forecasting techniques to predict the future premium

## Project 6:

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| **ProjectName** | Crop production analysis |
| **Location** | **Offshore**:Hyderabad |
| **Duration** | June 2016 - Jan 2018 |
| **TeamSize** | **3** |
| **Solution Environment** | Tableau, MS EXCEL, Jira |
| **DataBase** | SQL , Oracle |

* + **Description:**To predict state and district wise crop production based on land area and production in different season.

### KPI /Chart Used:

State and district wise analysis of total area or total production, top N states and districts based on total area and production, year wise analysis of total area and production, quick filters used crop year, season and crop

### Responsibilities:

* + - Gathering the requirements from the Business users and understanding the functionality & business rules.
    - Preparing functional design document, requirement document & technical design document for reports.
    - Created landing dashboard to navigate through different dashboard.
    - Created dashboard using calculated fields, LOD’s, parameters and input controls to give users control over certain values.
    - Developing worksheets using calculated fields, hierarchies, parameters and input controls to give users control over certain values.
    - Developing worksheets with different styles like bar, pie, tree map, dual axis, filled maps.