**Objective**

4 years of Experience in IT Industry with strong knowledge and experience in Tableau Desktop, Tableau Server, Tableau Online and Databases like SQL Server. Good Knowledge in Dashboard Development & Report Designing / Development Skills. I would like to cherish a position that makes effective use of my background.

**Profile Summary**

* Working as a **Software Engineer in Artha Net Support Centre Pvt Ltd** from 04 September, 2017.
* Experience in development of Reports and Dashboard in Tableau.
* Experience in full life cycle of business intelligence systems including development, deployment and reporting.
* Experience in designing and developing the reports, calculated columns, joins, filtering and administration in Tableau.
* Strong knowledge of data warehousing concepts, including star schema, snowflake schema and ETL Process.
* Experience in creating aggregates, hierarchies, charts, filters, quick filters, table calculations, trend lines calculated measures.
* Experience in Tableau report developing, testing and deploying reporting solutions using Tableau Server.
* Experience in Creating Users, Groups and Projects on tableau server.
* Created Customized and interactive dashboards using multiple data sources.
* 3 years working experience as an ‘Assistant Professor’ in engineering college 2013 to 2016.

**Education**

* **Master of Engineering** in Electronics &Telecommunicationfrom Pune University with **first class**.
* **Bachelor of Engineering** in Electronics and Telecommunicationfrom Pune University, with **first class with distinction**.
* **Diploma in Engineering** in Electronics and Telecommunicationfrom MIT SSPP Pune with first class
* **SSC** from MIT Pune with **first class**.

**Technical Skills:**

**Reporting Tools** : Tableau Desktop, Tableau Server, and Tableau Online.

**Databases** : SQL Server, MS Excel.

**Programming** : C, C++, Python basics

**Operating System :**  Windows Family.

**Project Profile:**

**Project 1:** Products Performance Day-to- Day Reporting

Environment: **Tableau Desktop, Tableau Server**.

Project Description

This application provides total view for a particular business unit where senior leaders can take decisions related to Sales information of daily performance, which provide total view of YTD QTD MTD performance based on revenue and units, also conditional formatting to be applied on all the reports if products are performing negative results and then automatically all the reports to be sent on user emails in PDF file formats.

Roles / Responsibilities

* Responsible for interaction with Business stakeholders gathering requirements and managing the delivery, covering the entire Tableau Development Life Cycle.
* Involved in creating and visualizing dashboards using Tableau Desktop.
* Involved in developing the reports like Trend Analysis, Comparative Analysis using Calculated Field, Table Calculations.
* Develop the reports using different Date Calculations, LOD Expression, Set, Parameters, and Groups.
* Performed YTD, QTD, MTD calculations for current year and prior year using different Date Function.
* Developed the reports using Parameter to display Dynamic Dimensions, Dynamic Measures, Top N Results, and Dynamic Graphs etc.
* Designed and Developed the Dashboard with the help of KPI Matrix and object like Texts, Images, and Layouts etc.
* Implemented user level security to restrict the data for particular user of different region using user filters in Tableau Desktop.
* Published the reports from Tableau Desktop to Tableau Server.
* Strong administration knowledge on content management, user’s management, graphs, scheduling, permissions in Tableau Server.

**Project 2:** Project Name: Medical Sales Analysis

Environment: **Tableau Desktop, Tableau Server**.

**Project Description**

The objective of this application is to track the performance of product sales in different regions, this project helps end users to understand how each product is performing across different lines so that management can take effective decisions to improve the sales performance and profit of the organization. Dashboards were presenting the detail view of measurements like KPI Metrics, comparative analysis, heat maps and highlighted analysis, scatter analysis and detail view reports.

**Roles / Responsibilities**

* Understanding the functional and technical requirement analyzing Database system.
* Design, develop and implemented Tableau BI reports.
* End-to-End involvement in designing and developing, deploying data visualization using Tableau.
* Build Dashboards using different objects like layouts, texts, images and interactive dashboard designs with the help of action and visual best practices.
* Involved in developing worksheets using parameters, calculation- field, sets, groups, bins.
* Involved in troubleshooting of performance issue, which were associated with Tableau reports.
* Worked expensively with basic and advanced visualization like bar charts, trend analysis, scatter plots, highlighted tables and crosstab reports.
* Involving in Tableau administration task such as creating users, group management, content management, scheduling for reports in Tableau server.
* Prepared functional design document, requirement document and technical design document for reports.
* Involved in end-to-end implementation of reporting projects.

**Responsibilities:**

**Project 3:** Project Name: Sales Performance Analysis

Environment: **Tableau Desktop, Tableau Server**.

**Project Description**

This application provides total view for a particular business unit where senior leaders can take decisions related to Sales information, how a product is performing, do we have enough stock in warehouse, are there any product on back order, Regional performance, Orders performance, YTD QTD MTD performance, Comparative analysis etc.

**Roles / Responsibilities**

* Understanding the KPIs and Requirements Documents.
* Installation of Tableau Desktop and database configurations.
* Designed, developed and implemented Tableau Business Intelligence reports.
* Creating custom basic and complex **calculations** including string manipulation, basic arithmetic calculations, custom aggregations and ratios, date math, logic statements and **quick table calculations.**
* Used Trend Lines, Reference Lines and statistical techniques to describe the data.
* Used Measure name and Measure Value fields to create visualizations with multiple **measures** and **dimensions**.
* Responsible for dashboard design, look and feel and development.
* Use **parameters** and input controls to give users control over certain values.
* Combined data sources by joining multiple tables and using data blending.
* Involved in creating a dual-axis bar chart with multiple measures.
* Participating Daily, Weekly and Ad-hoc meetings.
* Involved in end-to-end implementation of reporting projects.

**Assistant Professor Experience**

* 3 years worked as Assistant Professor in engineering colleges at Pune and Mumbai.
* Taught software engineering subjects like programming in Core Java, Advanced Java, JSP, spring, Multithreading, Data structure etc.
* Expertise in teaching Embedded C, Assembly language programming to electronics students with practical examples.
* Worked as a project coordinator for projects in various domains including Java, C, C++, and Embedded C, IoT, etc. Also arranged various technical talks like cyber security, IoT, exposure to industry 4.0.

**Personal Details**

* Date of Birth : 26th Oct, 1989
* Passport : U1788988 (12 Dec 2019 – 11 Dec 2029 )
* Languages Known : English, Hindi, Marathi and basic Japanese.

**Avanti. Waychal**