## Avinash Mobile: 91-6304606625

## Mail: avinashrao.n@gmail.com

## GCP Looker & Tableau Professional with 10 years of experience

Experience summary

*Data Visualization, Visual Analytics, Metric Reporting, KPI Reporting, Knowledge on Data Integration architecture, Maintaining Data Lineage, Primary & Secondary Research, SCM tools Analysis, Market Share/ Segmentation, Market Positioning*

Work Exposure:

* Extensively worked in building end to end data BI solutions which have Data Modeling and Reporting environment.
* Understand how prioritizing data and analytics now builds future agility and resilience.
* Get guidance from industry leaders and customers on how to develop a strategic view of your analytics initiatives and create a framework for implementing successful solutions.
* Developed / Architected data models for different enterprise solutions like asset management, procurement, post-sales service management and Customer SMART Solutions.
* Good understanding of various reporting and dashboard designing tools like Looker, Tableau, Microstrategy and SAP BO.
* Had a good experience in implementing the Metadata models with best standards which results good performance.
* Expertise in debugging the report queries and redesigning the reports for best results without disturbing the existing functionality.
* Good understanding in requirements design, implementation, facilitation of UAT and deployment and project deliverables in different phases.
* Excellent multitasking capability, efficiently plan and prioritize projects with strong technical and business management skills.

**Technology:**

|  |  |
| --- | --- |
| Reporting Tools: | Looker, Tableau , Microstrategy , BO XI |
| RDBMS: | Oracle, Teradata, SQL Server |
| DW/ETL Tools: | Informatica  |
| Data Modeling: | Dimensional Data Modeling, SCM Products Modeling, Star schema, Snow -Flake Modeling, Fact and Dimension Tables, Physical and Logical Modeling in MYSQL |
| Languages and Tools: | BQ, SQL Server, TOAD, FTP, PL-SQL Developer |
| Methodologies | Agile-Kanban, Waterfall Methodologies |
| Business Domain Knowledge | SCM Products for Retail and Customer Management |

**Experience:**

* Working as Senior Consultant for Capgemini, Hyderabad from April 2011 to till date.

**Certification:**

* Looker - LookML Foundations Webinar
* Agile Software Development.
* Scaled Agile framework for SAFe for Teams

**Educational Qualifications**

* Master’s in computer science application from Osmania University, India

**Professional Experience**

The details of the various assignments that I have handled are listed here in chronological order.

**Project # 1:**

**Project Name :** JLP PDP

**Client :** JLP (John Lewis Partnership)

**Role :** Developer

**Period :** Sep2020 to till date.

 **Environment :** Looker, BQ

**Description:**

To configure and implement Looker in a secure/stable environment; utilizing the PDP as the primary data source; creating customer reporting/dashboards to prove out implementation, gathering learning and knowledge transfer to allow partnership to be self-sufficient and adopt a ‘cookie cutter’ approach for future implementations; providing the partnership with the tools & training to develop and run Looker dashboards and reports..

This would be an initial ‘MVP’ implementation of Looker for the Reporting Automation team to allow them to produce/replicate customer centric reporting/dashboards used by JL Exec against existing PDP [PCD] data.

**Responsibilities:**

* Work on Looker environment to allow the development of reporting/dashboards.
* Gathered reports requirement; collaborated with the business users using wireframe mockups.
* Build explore and model in LookML.
* Creating Standard View, Derived Tables and Materialized views.
* Dimensions and Measures are defined in view files to create dashboard.
* Find the data. Build the metrics and dashboard based on your prototype and design.
* Follow the process to integrates with GIT Actions to empowering the test changes, save work and collaborate with other developers via Looker own IDE to organize your project into folders.
* Keep code upto date for different shared branch and sync with system.

**Project # 2:**

**Project Name :** Citizens Information Delivery

**Client :** Citizensbank

**Role :** Lead

**Period :** May 2019 to Sep 2020.

 **Environment :** Tableau Desktop, Data Lake

**Description:**

Citizensbank provides solutions that include intent of this effort would be to give visibility to what and how EDO (Enterprise Data office) Management impacts. The Metrics will be used to make improvements to Business services and shared Services should benefit for new/existing monitoring.

**Responsibilities:**

* Leading a team of analyst/developers on Data Visualization projects to provide analytical solutions to the business users • Support the management by delivering Analytics reports• Identify and build key KPI reports
* End to end experience in designing and deploying data visualizations using Tableau.
* Development of dashboards with Enterprise data ranging from HR information to Finance, Marketing, Request tracking and other wide range of data.
* Working with the Stake-holders in providing analysis and interpretation of insights
* Gathered reports requirement; collaborated with the business users using wireframe mockups.
* Experience in Trouble Shooting, Performance tuning of reports and resolving issues within Tableau.
* Take ownership of systems and processes; constantly strive to improve efficiency of work flow and operating procedures for all deliverables.

**Project # 3:**

**Project Name :** BHGE Synergy SC Analytics

**Client :** GE Oil & Gas

**Role :** BI Developer

**Period :** Jan 2018 to Apr 2019.

 **Environment :** Tableau Desktop, Greenplum

**Description:**

GE provides solutions that include remote monitoring, operational Plants efficiency and Suppl Chain Analytics technologies. With our end-to-end solutions you will get more insights, optimized operations and greater efficiency.

**Responsibilities:**

* Created solution driven dashboards using different chart types like Crosstab’s, Heat/Geo/Tree Maps, Pie/Bar Charts, Circle Views, Line/Area Charts, Scatter Plots, Bullet Graphs, and Histograms in Tableau Desktop.
* Generated dashboards with Quick filters, Parameters and sets to handle views more efficiently.
* Understand the existing systems functionally and technically.
* Making the data available for other down streams for various reports generation
* Perform Unit testing and System testing for error free development and maintaining the results in quality center for future reference.
* Extensive worked in unit testing, debugging, issue analysis and status reporting in GP

**Project # 4:**

**Project Name :** SALESMI

**Client :** AIA

**Role :** Senior Consultant

**Period :** Mar 2017 to Dec 2017.

 **Environment :** Tableau Desktop, Tableau Admin & Oracle Data base

**Description:**

AIA recognizes everyone has different needs at different stages of life. AIA is committed to helping you meet your financial needs and goals with a wide range of life and health protection and long-term savings products.

Our focus is on providing our customers with the right solutions to meet their individual needs, and in doing so help them solve whatever life challenges may arise.

**Responsibilities:**

* Created solution driven dashboards using different chart types like Crosstab’s, Heat/Geo/Tree Maps, Pie/Bar Charts, Circle Views, Line/Area Charts, Scatter Plots, Bullet Graphs, and Histograms in Tableau Desktop.
* Technical oversight of the entire Tableau Server infrastructure from user setup to performance tuning
* Server installation, upgrades, server tuning, troubleshooting system issues
* Experience on tabcmd and tabadmin commands Line utilities.
* Complied interactive dashboards in Tableau Desktop and published them to Tableau Server which allowed story telling with Quick Filters for on demand needed information with just a click of a button.
* Perform Tableau Server admin duties; add users/groups from Active Directory; and schedule instances in Tableau Server including weekly data Security.
* Performed troubleshooting to address connectivity issues.
* Configuration and administration of Tableau Server migration in multi-server node.

**Project # 5:**

**Project Name :** Platform and Solution (P&S)

**Client :** Capgemini

**Role :** Technical Lead

**Period :** Sep 2014 to Mar 2017.

 **Environment :** Tableau Desktop, Tableau Admin & Oracle

**Description:**

The Objective of the Project is to build new BI Technology solutions which are tool agnostic and equipped with the completely new league of essential framework to manage and implement in various industries such as Manufacturing, Retail, Customer Analytics and Human capital management as well.

* Solutions which were built are Spend SMART, Asset SMART, HRSMART, Service SMART and Customer SMART.
* Customer SMART: Customer Analytics is the key to unlocking hidden value of an organization's data. It's the difference between passive, active and reactive decision making.
* Asset SMART: This Solution provides an integrated view of Assets and their performance and is vital for businesses to maximize ROI (return on investment), extend asset life, reduce life-cycle costs and improve customer experience.
* Spend SMART: This Solution helps organizations get a unified view of them spends and allow informed decision making by analyzing the spend data across multiple dimensions.
* Service SMART: Services after sales is defined as periodic or required maintenance or repair of any asset by its manufacturer or supplier during warranty or contract period and even after that.
* HR SMART: Single source of reliable HR Operational Metrics for consistent view of organizational workforce helping line of sight on Human Capital Management to drive effective decision making and increase in organization and employee productivity.

**Responsibilities:**

* Interacting with business users to analyze the business process and requirements and transforming requirements into Conceptual, logical and Physical Data Models, designing database, documenting and rolling out the deliverables.
* Performed Data blending implemented on Database to generate interactive dashboards.
* Created solution driven dashboards using different chart types like Crosstab’s, Heat/Geo/Tree Maps, Pie/Bar Charts, Circle Views, Line/Area Charts, Scatter Plots, Bullet Graphs, and Histograms in Tableau Desktop.
* Generated dashboards with Quick filters, Parameters and sets to handle views more efficiently
* Implemented Analytics Models (K Means Algorithm, Logistic Regression, Text Mining, Apriori Algorithm) in tableau reports across verticals (Clustering, Churn Management, Social Management Analysis, Market Basket Analysis) using R Language.
* Created ad-hoc reports to SMART Solution in Tableau by connecting to various Structured and unstructured data to show expenses by devices and charge category.
* Published workbooks by creating LDAP security, user security and row level security.
* Created advanced charts like Waterfall chart, Pareto Char, Donut Chart and Network Graph.
* Handled Tableau admin activities Creating Projects, Users, Groups, managing extracts and installations
* Performed troubleshooting to address connectivity issues
* Clustering, Load Balancing, User Management and Automation of monitoring & server job processes.
* Perform Tableau Server admin duties; add users/groups from Active Directory; and schedule instances in Tableau Server including weekly data Security.
* Working knowledge of dimensional modelling, ETL, SQL query rewriting and optimization using Oracle, SQL Server databases.
* Worked in agile, iterative team setting and experience with other BI tools like Microstrategy, Tableau, Informatica, OBIEE and SAP BO.

**Project # 6:**

Project Name : GE LS BI ITO Siebel

Client : GE Health Care, US

Role : Business Intelligence Consultant.

Period : May 2013 to Sep 2014

 Environment : Informatica, Tableau and Teradata

**Description**:

This System Design Specification describes the approved and agreed system design for the LS BI ITO Siebel Phase 3 to satisfy the stated needs of Life Sciences Siebel Team as outlined in the Project Charter and User and System Requirement Specification documents referenced below

This project is targeted to enhance the reporting capability of LS ITO SIEBEL Gen-I & Gen-II reporting. Further to the functionality put in place in Gen-I/Gen-II phase, the following enhancements to the system would be taken up in Gen-III.

**Responsibilities:**

* Interacting with business users to analyze the business process and requirements and transforming requirements into Conceptual, logical and Physical Data Models, designing database, documenting and rolling out the deliverables.
* Conducted analysis and profiling of potential data sources, upon high level determination of sources during initial scoping by the project team.
* Created advanced charts like Waterfall chart and Pareto Chart.
* Created Tableau visualizations using line charts, bar charts, dual axis charts.
* Performed Data blending implemented on SQL Server Database to generate interactive dashboards.
* Perform Unit Testing and System testing for error free development and maintaining the results is quality center for future reference.
* Worked with the team to troubleshoot any Reporting issues in the production environment.
* Worked with the code Migration for stage and Prod for respective releases.
* Extensively involved in participation of team status meetings and preparation of rich documentation of various applications related to Informatica and Tableau for future.

**Project # 7:**

Project Name : Honda Spider Parts Data warehouse

Client : Honda Europe NV, Belgium

Role : Business Intelligence Developer

Period : Jan 2012 to April 2013

Environment : Micro Strategy 9.x, Abinitio and IBM UDB.

**Description**:

SPIDER Service Rate Phase1& Phase2 is an enhancement of existing Service Rate project which is part of the SPIDER program. Honda Motors is the largest manufacturer of Automobiles. The project ITR 1&2 is aimed at improving the customer satisfaction by providing ITR 1&2 for every order and maintaining the Service rate and Target.

The Dashboards and Reports developed as part for this project will be used by the Honda Management in identifying the root cause analysis of problem areas and there by improve their performance.

**Responsibilities:**

* Worked with Micro Strategy Desktop and involved in the creation of Microstrategy objects (Metrics, Prompts, Filters, Custom Groups, Consolidations and Templates, Attributes, Facts) to develop the Reports and Documents.
* Participated in the Estimation of Business Requirements in the Process of Plan, Analysis, Design, Build, Test and Deployment.
* Worked on Drill Maps to maintain the Drilling within the Hierarchy and to maintain the Association between the Reports to Template.
* Worked on creating the dashboard Reports and Scorecards According to the Business User’s Requirements.
* Involved in Creation of BRD, HLD, LLD, UTC documents
* Extensively used the various features in the process of making of interactive dynamic dashboard with Hyperlinks, edit links widgets and passing of prompt answers to target Dashboards from source Dashboards etc.
* Creating package using MicroStrategy Object Manager for migrating objects from one environment to other.
* Managed, prioritized, and implemented enhancement requests as required.
* Expertise on Export of MSTR Reports and dashboards into Various Formats like PDF and MS Excel Formats.
* Involved in implementing optimization techniques to enhance the performance of queries dynamically generated by Microstrategy by interacting with DBAs and designers.
* Interacted with Business Users and discussed regarding the Business requirements and business functionality of products while doing the Enhancements.
* Responsible for preparation of Move documents, Schema documents and Participated in Move activities of MSTR objects.
* Created the Design Documents, Implementation Plan Document and Unit Test Case Documents.

**Project # 8:**

Project Name : TFSBP

Client : TYCO, USA

Role : Business Intelligence Developer

Period : April 2011 to December 2011

Environment : MicroStrategy 9.x, SQL Server 2005

**Description**:

This project involves building the Tyco fire Protection Products of Tyco International and a leader in the development manufacture and distribution of fire protection, mechanical grooved and metal frame supporting products to our distribution and installer customers. The objective was to analyze the status and market potentiality of the ideas submitted by employees for the products in developing stage in various segments of Tyco fire products.

**Responsibilities:**

* Participated in requirements gathering to identify the Business user’s needs
* Actively involved for creating requirement documentation.
* Creation of LLD, UTC documents.
* Involved in design of prototype of reports and dashboards based on requirements.
* Created filters, prompts, Consolidation, custom group, metrics and report templates.
* Created Grid Reports.
* Created Data sets for Dashboard requirement.
* Created Interactive Dashboard.
* Writing the Unit Test cases.
* Tested the Microstrategy objects by writing custom SQL Queries on Database
* Report Data validation and Testing through PSQL/SQL query writing.
* Actively involved for UAT with business users.