**Bhaskar A Munjety**

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***Tableau BI Sr. Developer cum sol Architect*** *with* ***12+years****of experience in delivering successful* ***Business Intelligence (BI)*** *and* ***Data visualization*** *Projects with Specialization on* ***Tableau*** *and* ***Cognos*** *with strong background in* ***Enterprise Data warehouse (EDW) and Database concepts***

**SUMMARY:**

* Over 12 years of experience in Designing, Administration, Analysis, Management in the Business Intelligence/Data warehousing, Client Server technologies, Web-based applications and Databases **TABLEAU-2020 &2019,Tableau 2019,2018.2 ,10.x/9.x/8.x (Tableau Desktop, Tableau Online, Tableau Server) .**
* Experience in gathering Requirements, Analysis, Design, Development, Deployment, Testing and Support of rich Interactive **Dashboards** and **Workbooks** using **Tableau Desktop creating** complex BI Reports, Dashboards, Project Management, Change/Incident Management, Maintenance, upgrade, Fix pack/Service pack installations, and Root cause analysis, Resolution Methods Time/Cost/Budget Management.
* Very good knowledge on **Data Warehousing** Concepts E.g**. Star schemas, Snowflake schemas, Normalization, De-normalization, Relational and Non-Relational data structures**, Multi-dimensional structure (cubes in the form of Dimensions and Facts or Measures).
* Experience in creating both static and interactive reports.
* Ability to write SQL in order to pull, join, and aggregate data in order to create views for tableau reports(worksheets)
* Proficient utilizing **Tableau Visualizations** like: - **Dual Axis, Bar Graphs, Scatter Plots, Pie-Charts, Heat Maps, Bubble Charts, Tree Maps, Funnel Charts, Box Plots, Waterfall Charts, Geographic Visualization** and other making use of **Dashboard Action, worksheet actions**, **Data Source** filters, **Data Blending** and Creation of metrics, attributes, **quick filters**, using calculated (**Table, window, LOD Calculations**, **Time Based date calculations**, used custom images and geo coding to build spatial visualizations of non-geographic data.
* Transformed Tableau into a managed service offering for consumption across Corporate and Managerial level.
* Experience with relation databases (Oracle Ex data) & Big Data technologies (Hadoop, Hive)
* Experience with SDLC and working with software development teams, QA coordination, UAT coordination, etc.
* Experienced in various phases of **Software Development Life Cycle (SDLC)** i.e. Analysis, Design, Development, Implementation, Testing and Distributed applications.
* Apply design patterns to develop BI solutions for delivery on web and mobile devices such as tablets and Smart phones
* Excellent communication skills, with strong analytical, troubleshooting and problem-solving abilities.
* Involved in Managing the full implementation lifecycle for delivery of systems solutions (analyze, design, build, test, implement, support).
* Good experience in Data warehouse and Reporting/Visualization tool administration (such as Tableau).
* Expert understanding & knowledge of Database & Data warehouse concepts.
* Hands on experience with the Relational Database design and SQL language.

 **Educational Details:**

•         Post Graduate Diploma in computer Applications (P.G.D.C.A, Raipur, India).

•         Master Of Business Administration (M.B.A -IT and Marketing, NIMT Ghaziabad, India)

•         Degree in Bachelor of Commerce ([B.COM](http://b.com/) with Financial, Marketing & HR management), G.G.University, Bilaspur, India

**TECHNICAL SKILLS:**

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| --- | --- |
| **Business Intelligence(BI) Tools:** | Tableau(,2020.2.4,2019,2018.2,10.5/10.4/9.2/8.2),Cognos (11.7/10.2/8.Python. Power BI, SAP , Supply chain Management |
| **Relational & Non-Relational Databases:** | Oracle, MS SQL server, Teradata, MySQL, Hadoop Big data (Hive, HBase), Google BigQuery, Sap Hana, spark, Scala |
| **Data Modeling/ETL & Cube Tools:** | Informatica 9.2, SSIS |
| **Operating Systems:** | Windows 2007/2008, Unix. |
| **Tools and Packages:** | SQL Server Management Studio, Visual Studio, Toad, Jira, SharePoint |
| **Cloud Technologies** | Amazon(AWS),Microsoft Azure, Google Cloud, Kafka, zoo keeper |

**PROFESSIONAL EXPERIENCE**

**Genpact**/ (*Client:* **JP Morgan**) **-Lombard IL Oct 2019 to Till Date**

*Project:***JP Financial and Risk Management Project)**

*Description:*Created cubes designed in Micro Strategy &Atscale level to Tableau for Analysis.

Role: Technical lead cum Sol Architect.

Job Responsibilities.

* Created cube from various sources at cloud platform..
* Developed advanced visualizations Using row-level, aggregate and table calculations and worked on data story with dashboards.
* Use Trend Lines, reference lines and statistical techniques to describe your data
* Understand how to use group, bin, hierarchy, sort, set and filter options effectively
* Work with the many formatting options to fine tune the presentation of your visualizations
* Combine your visualizations into interactive dashboards and publish them to the web
* Understand the Tableau interface/paradigm components, shelves, data elements, and terminology to effectively create the most powerful visualizations
* Lot of calculations including string manipulation, arithmetic calculations, custom aggregations and ratios, date math, logic statements and quick table calculations
* Performed data modeling, application development, technical product assistance and tuning to meet customer performance and functional requirements
* Development of dashboards that support customer requirements that can be integrated into Web based applications.

***Environment:*** Atscale, Tableau 2019.2 ,Tableau online, Tableau server, Alteryx, Excel, IBM Mainframes, Oracle,SQL Server and Hadoop sources & Cloud data,Micro Strategy.

**Genpact**/ (*Client:* **Cigna**) **-Hartford, CT Nov 2017 to Sept 2019**

**Role :**Technical lead

*Project:***SOBI Hyperion SQR &BQY’s &**Micro Strategy cubes **Migration Integrating Kafka streaming data to Tableau Reporting Environment (SOBI Migration Project)**

*Description:*One View Reporting is the Service Operations data for call, claims and appeals recorded in OneViewSIEB\_RPT is reporting layer generated based on One View database (lots of translations/transformations involved in the process) and is used by Business Users to run medical reports for Call Center Metrics, Performance Guarantees and other metrics In SIEB\_RPT, reporting is based off of ~55 tables –majority of these ~55 tables are created by Hyperion SQR jobs that run within SIEB\_RPT. SOBI team extracts and translates data from these ~55 tables into SOBI environment as well as Google Big query to generate reports for the business.

Job Responsibilities.

* Developed advanced visualizations Using row-level, aggregate and table calculations and worked on data story with dashboards.
* Use Trend Lines, reference lines and statistical techniques to describe your data
* Understand how to use group, bin, hierarchy, sort, set and filter options effectively
* Work with the many formatting options to fine tune the presentation of your visualizations
* Combine your visualizations into interactive dashboards and publish them to the web
* Understand the Tableau interface/paradigm components, shelves, data elements, and terminology to effectively create the most powerful visualizations
* Lot of calculations including string manipulation, arithmetic calculations, custom aggregations and ratios, date math, logic statements and quick table calculations
* Performed data modeling, application development, technical product assistance and tuning to meet customer performance and functional requirements
* Development of dashboards that support customer requirements that can be integrated into Web based applications
* Involved in Administration, management, and operation of Tableau Server
* Performed in Publishing & Scheduling workbooks to Tableau Server.
* Maintain Tableau Server organization, including project design; roles & permissions; scalability; data access; performance monitoring; subscriptions and alerts; and other aspects as needed
* Set up, extend and maintain self-serve environment, Manage extracts and refresh schedules
* Provide administration and technical support for the Tableau Enterprise wide implementation
* Strong understanding of Tableau Server implementation & administration processes and best practices
* Represented data using the following visualization types, Cross Tab , Geographic Map, Page Trails, Heat Map, Scatter Plots, Dual Axis charts, Combo Charts with different Marks to Drill down and across the dashboard
* Hand on experience in Analyzing Sorting Grouping creating Aliases, Filtering and quick filters, Cross-tabs (pivot tables),Totals and subtotals Drilling and drill through, Aggregation disaggregation, Percent of total + Stats and trend lines
* Worked on Calculated Fields, string functions, arithmetic calculations, Date math, Working with totals, Custom aggregations and implement Logic statements.
* Formatting all visualization, Worked with labels and annotations Effective use of titles and captions.
* Developed Interactive Dashboards while Combining multiple visualizations into a dashboard and Making worksheets interactive with actions and filters along with Best practices in visualization introduction.

***Environment:*** Tableau 2018.2, Tableau Desktop 10.4,Tableau online, Tableau server, Alteryx, Hyperion, Python scripting, MS-Excel, MS SQL Server, Hadoop Big Data, Toad, Jira, Windows7 and Linux, Microsoft office Suite.MS Access, SharePoint. Kafka streaming data.

**Genpact**/ (*Client:* **Coca-Cola**) **-Atlanta, GA Nov 2016 to May 2017**

**Role:** Technical Program Manager

*Project:* **Cognos 8.2 Migration to Tableau 10.2**

*Description:*Tableau Dashboards creation and Administration activities performed for client Coco-cola which has implemented Tableau 10.2 for their effective and efficient dashboards technology for their reporting purpose to analysis their data from Hadoopsystem, Google Big Query& oracle 11g. Due to performance issues they upgraded their database and some other technology reports to tableau dashboards. This project is to convert the existing Cognos Sales and Distribution Dashboards Reports & Dashboards and SQL metrics, filters and reports into Tableau chart types and visualization.

* Created rich dashboards using Tableau Desktop and prepared user stories to create compelling dashboards to deliver actionable insights.
* Responsible for interaction with business stake holders, gathering requirements and managing the delivery. Analysis, Development and Customization of the application and implementing requirements for the project.
* Prepared technical mapping document for Cognosreports migration into Tableau Dashboards.
* Involved in publishing of various kinds of live, interactive data visualizations, dashboards, reports and workbooks from Tableau Desktop to Tableau servers.
* Used R scripting and scripting function in tableau to work with data frames from R.
* Managed data extracts, established required joins on tables and applied data filters along with custom SQL Queries.
* Developed parameter and dimension-based reports, drill-down reports, matrix reports, charts, and Tabular reports using Tableau Desktop.
* Developed Mockup Dashboards and given demos to the users allowing them to visualize the final Dashboards and suggest any changes they may require.
* Created Tableau scorecards, dashboards, Heat maps using show me functionality complex data views manually using multiple measuresfine Tuning the Dashboards while adding new data items also used sort, Filter, group, Created Sets.
* Worked creating Aggregations, calculated Fields, LOD &Table calculations, window function, Totals, percentages using Key Performance Measures (KPI) and Measure.
* Published Dashboards, workbooks & data source to server
* Used URL’s, Hyperlinks, and Filters for developing Complex dashboards.
* Creating Projects, Sites, Site Users
* Using Tableau Online as analytics platform fully hosted in the cloud to publish dashboards, creating projects, workbooks and views to sharing with team and users and business users to explore hidden opportunities with interactive visualizations and accurate data. All easily accessible from a browser and with mobile apps.
* Created Rich dashboards using Tableau Dashboard and prepared user stories to create compelling dashboards to deliver actionable insights.
* Created Rich dashboards using Tableau Dashboard and prepared user stories to create compelling dashboards to deliver actionable insights.
* Responsible for interaction with business stake holders, gathering requirements and managing the delivery.
* Connected Tableau server to publish dashboard to a central location for portal integration.
* Connected Tableau server with share-point portal and setup auto refresh feature.
* Created visualization for logistics calculation and department spend analysis.
* Generate KPI for customer satisfaction survey results and disease management.
* Maintained Test log and Wrote test Evaluation, Summary Reports.
* Extensively involved in doing user acceptance testing (UAT).
* Generated Test Cases for each specification in Requirement Specification Document corresponding to each module.
* Generated the test plan specifying an overview of testing approach, testing strategy, roles, responsibilities and its scope.
* Created Test Scripts, Test hierarchy to represent the features and functionality that need to be test in the application.
* Analyzed user and business requirements attended periodic meetings for changes in the application requirements and documents.
* Performed Parallel Testing or Production Testing, which ensures that the new system will perform correctly in a production environment and interface correctly with other production systems.

***Environment:*** Tableau Desktop, Tableau online , Cognos8.2, MS-Excel, Oracle 11g, HadoopBig Data, R scripting, Toad, Jira, Windows7 and Linux, Microsoft office Suite.

**Genpact**/ (*Client:* **Nike Inc.,**)**–Hyderabad, India July 2014 – June 2016.**

**Developer.**

*Project:***NikeDashboards**

*Description:*Nike Dashboards for Nike shoes Manufacturing and supply chain management. They want to analysis the all locations data at one place to view with angles to take and the stock increase the productive of the product to control the inventory cost. They opted the Tableau technology for their dashboards creation. Data from Google Big query and Hadoop file through Hive and MS Sql server.

* Build and maintain SQL scripts, indexes, and complex queries for data analysis and extraction.
* Designed, developed and supported BI solutions, Involved in Debugging and monitoring, and troubleshooting issues.
* Involved in all phases of the application software lifecycle (SDLC) including design development, testing and deployment.
* End-to-end Tableau Designer expertise from dashboard design/development to deployment/maintenance. Hands-on skills with use of action filters, user filters, advanced navigation techniques, Level-of-Detail (LOD) expressions.
* Experience working on teams with multiple Tableau developers. Experience leading a sizeable web-based analytics project using Tableau will be a plus ·
* Design, develop and support complex performance and capacity charts and reports using Tableau Desktop.
* Developed and reviewed custom SQL queries with use of joins clauses (inner, left, right, full) in Tableau desktop to validate and reconcile data.
* Used Custom SQL for joining the tables and selecting the required Data.
* Creating users, groups, projects, Data connections, settings as a tableau site administrator.
* Developed story telling dashboards in Tableau Desktop and published them on to Tableau Server which allowed end users to understand the data on the fly with quick filters to filter needed information.
* Worked in Tableau environment to create dashboards like weekly, monthly, daily reports using tableau desktop & publish them to server.
* Created Custom Hierarchies to meet the Business requirement in Tableau.
* Work directly with management, vendors, and third parties to ensure that Web-site’s financial transactions and database management applications operate at peak efficiency.
* Worked with all levels of development from analysis through implementation and support. Participated in test planning and test script definition.
* Resolved end user reporting problems through collaboration with IT and Operations.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format. Using prompts to filter data & creating Custom groups.
* Fine Tuning the Dashboards while adding new data items.

 ***Environment:*** Tableau Desktop, Tableau Server, MS-SQL Server 2008 R2, MS-Access, MS Excel and SQL.

**Genpact**(*Client:* **Kawasaki Motors Manufacturing Corp**) **–Hyderabad, India Sep 2013 – Dec 2014.**

**Sr Tableau Developer**

*Project:* **Kawasaki Motors marketing and supply chain Dashboards**

## *Description:*  Cognos Migration project 8.1 to Cognos 10.2 Dashboards for Kawasaki Motors which has implemented cognos technology for their reporting purpose to analyses their sales, marketing and supply chain management data. Due to performance issues they upgraded Cognos 8.1 to Cognos10.2 to increase the performance of the reports and Dashboards.

* Created various reports using different lists in single and multiple pages according to filter conditions.
* Requirement gathering from business and client interaction.
* Preparing Technical specs for the Reports Data Mapping.
* Created Model by importing tables from database by using Framework Manager
* Created Dimensional Modeling in Framework manager.
* Define the Joins and Created the Business view in Framework Manager for user Comfort ability
* Creating and publishing the packages according the business requirement.
* Creating and publishing the Dashboards according the business requirement to Tableau server
* Developed Mockup Dashboards and given demos to the users allowing them to visualize the final Dashboards and suggest any changes they may require.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format. Using prompts to filter data & creating Custom groups.
* Fine Tuning the Dashboards while adding new data items
* Created highly Complex Reports using OLAP CUBES as Data Source for Multi-Dimensional Analysis.
* Used Conditional Variable to display different colors and for text according to format.
* Used Designing the reports and bursting the reports.
* Used Schedule Management to schedule the reports.
* Involved in migration of Cognos 8.2 to Cognos 10.2.
* Dashboards from Tabular Models to help managers to identify critical KPIs and facilitate strategic planning in the organization.
* Designed and developed the most suitable User Interface such as Dashboards, multiple charts types, Trends, custom requests for Excel Export and objects for Management Dashboard reporting using Power Pivot.
* Developed complex calculated fields for the business logic, field actions, sets and parameters to include various filtering capabilities for the dashboards, and to provide drill down features for the detailed reports.
* Designed and Optimized Data Connections, Data Extracts, Schedules for Background Tasks and Incremental Refresh for the weekly and monthly dashboard reports .
* Blended data from multiple databases into one report by selecting primary keys from each database for data validation.
* Designed dashboards on the concept of Dynamic Availability where in a variety of worksheets / views were connected by Actions and provided an interactive reporting environment of the Revenue Impact Analysis, Inventory Control, Pricing Opportunity Analysis, Markets Overview, Shopping Activity, etc., in the developed dashboards.
* Created histograms, pie charts, box plots, scatter plots for inventory management, background maps illustrating the potential revenue change, destinations flown across different geographic markets, time-series statistics for price variance across different vendors, heat maps for shopping activities across business units. Implemented Tableau Online to enable cloud implementation of analytics developed to make dashboards available on the cloud platform being implemented by the client.
* Worked on building queries to retrieve data from SQL Server and Oracle SQL Developer, and developed T-SQL statements for loading data into Target Database.

 ***Environment:*** Cognos 8.2, Cognos 10.2 suite, Oracle SQL developer, SQLServer 2012, Oracle 10g, PL/SQL, T-SQL,MS Access, Teradata, Windows 2007 server, MS Office suite.

**Genpact - GE Energy Management– Hyderabad, India Dec 2012 – Aug 2013.**

**SrBI Developer (Tableau, Cognos)**

*Project:***Cognos 8.2 Migration to Tableau 9.2**(corporate project)

## *Description:*Cognos Migration project GE Energy Management which has implemented Cognos technology for their reporting purpose to analyses their data on oracle 11g. Due to performance issues they upgraded to R12 at cloud environment to centralize as well as to increase the performance at end to end level. My involvement to test all the Cognos reports, cubes and performed enhancements according to their requirements, to the correct and full data match with R11 to R12 on cloud environment. They opted the Informatica for ETL on R12, Cognos 10.2 for reporting.

* Preparing Technical specs for the Reports Data Mapping.
* Created Model by importing tables from database by using Framework Manager
* Created Dimensional Modeling in Framework manager.
* Define the Joins and Created the Business view in Framework Manager for user Comfort ability
* Creating and publishing the packages according the business requirement.
* Creating and publishing the Dashboards according the business requirement to Tableau server
* Developed Mockup Dashboards and given demos to the users allowing them to visualize the final Dashboards and suggest any changes they may require.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format. Using prompts to filter data & creating Custom groups.
* Fine Tuning the Dashboards while adding new data items.

***Environment:*** Cognos 8.2 Suite (Cognos Connection, Framework Manger, Report Studio, Query Studio, Analysis Studio, Metric Studio and Event Studio), Cognos SDK, Oracle 10g/11g, Custom Java Authentication Provider (CJAP), Web Sphere Data Stage version 8.0.1 (Designer, Director, Administrator), Power play cubes and Windows 2003 Server. Tableau Desktop 9.2, Tableau Server.

**Dr. Reddy’s Laboratories Ltd. – Hyderabad, India Oct 2011 - Dec 2012.**

**Tableau Developer**

*Project:* **Pharmaceuticals Sales Dashboard.**

*Description:* DRL is a global pharmaceutical organization dedicated to biologics & formulation development and drug discovery. The organization manufactures wide range of pharmaceuticals. The project I was involved in deals with the development of different dashboards for each of the group which is differentiated by the location.

* Identifying client issues within their business, crafting solutions, and implementing changes.
* Leveraging different data architectures and data blending technologies to provide data to Tableau.
* Building dashboards to provide insights.
* Developing interactive visualizations utilizing various reporting components from multiple data sources.
* Working with ETL Team, data modeling and data transformation.
* Experience working with verticals. Knowledge of the best practices for implementation and integration of Tableau Worked on the requirement gathering of the reports.
* Analyzed the database tables and created database views based on the columns needed.
* Used Data Blending, groups, combine fields, calculated fields and aggregated fields to compare and analyze data in different perspectives. Created parameters, quick filters and context filters. Worked on the requirement gathering of the reports. Analyzed the database tables and created database views based on the columns needed. Used Data Blending, groups, combine fields, calculated fields and aggregated fields to compare and analyze data in different perspectives. Created parameters, quick filters and context filters.
* Created sets to display top products based on their sale. Created graphs like dual, bar and line etc.
* Implemented calculations and parameters wherever needed. Published dashboards to Tableau server.

***Environment:*** Tableau Desktop 8.2, Tableau server, Informatica, Oracle SQL developer, SQLServer 2012, Oracle 10g,MS Access, Windows 2007 server, MS Office 2007

**Tech-Mahindra (***Client:* **TELUS Corporation), Hyderabad - India Mar 2011 - Sep 2011**

**Sr. Cognos Developer**

*Project:* **Cognos 8.2 Cubes Migration**

*Description:* TELUS is the Telecom project; the client belongs to Canada which has implemented Cognos 8.4 where as he wanted to migrate the 7.3 cubes to Cognos 8.4 web-based service and one point of managing and wants to increase the performance and optimizing the cubes to better service.

* Preparing Technical specs for the Reports Data Mapping.
* Created Model by importing tables from database by using Framework Manager
* Created Dimensional Modeling in Framework manager. Define the Joins and Created the Business view in Framework Manager for user Comfort ability Creating and publishing the packages according the business requirement.
* Developed Mockup reports and given demos to the users allowing them to visualize the final reports and suggest any changes they may require.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format. Using prompts to filter data & creating Custom groups.
* Fine Tuning the Report while adding new data items. Working with Queries which are relating queries to layouts & Query Explorer.

***Environment:***Cognos 8.2/8.4 suite (Framework Manager, Report Studio, Analysis Studio, Query Studio, Metric Studio), Power play Transformer, Power play cubes, Oracle, DB2, Clear Quest and Serena Dimensions.

**Tech-Mahindra (***Client:* **Qantas Airways), Hyderabad - India Aug 2010 - Feb 2011**

**Sr. Cognos Developer**

*Project:* **Secure Flight –Pre-departure Reports**

***Description:* Qantas is an airline company based in Australia. It’s one of the leading airline company in Australia. In this project maintaining the Database was the key task. Database maintaining consisted of their customer details, feedbacks, ticket sales, transactions and other amenities**

## Sales & Distribution business needs BI reporting on the data stored in CDW bookings / WDSS for all flown US Inbound & outbound QF flights. Every passenger in the US booked flight needs to have SSR DOCS entry in the PNR. This is referred as SFPD.

## The total bookings & the total SFPD bookings amongst them need to be analyzed by Direct Channels, Indirect channels, GDS, Point of Sale (POS) and flight numbers (US bound).

## The data is related to the Departure Date i.e. 72 hours, 7 days or 14 days, 28 days prior to the departure date. However, the report is grouped according to the booking date i.e. the bookings made after 31st October are to be considered.

* Preparing Technical specs for the Reports Data Mapping.
* Created Model by importing tables from database by using Framework Manager
* Created Dimensional Modeling in Framework Manager. Define the Joins and Created the Business view in Framework Manager for user Comfort ability Creating and publishing the packages according the business requirement.
* Worked with the ETL Team on Building the Data Mart based on the Reporting requirements
* Developed Mockup reports and given demos to the users allowing them to visualize the final reports and suggest any changes they may require Working with Existing Reports & managing changes in the Model.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format. Using prompts to filter data & creating Custom groups.
* Changing the Appearance of Reports titles, collapsing a Report, ordering items, swapping rows & columns.
* Adding conditional formatting to a report (Hiding & showing objects, Highlighting.
* Adding multiple layouts and Drill-through to master detail reports. Fine Tuning the Report while adding new data items. Working with Queries which are relating queries to layouts & Query Explorer.
* Designing and developing extensive to complex reports using multiple Queries, combination of chart and tables.

*Environment:* Cognos Report Net 1.1, Cognos Impromptu, Oracle 10g, Tera data, Data stage.MS Excel

**Tech-Mahindra (***Client:* **GlaxoSmithKline**, Malaysia**), Hyderabad - India Feb 2010 –Aug 2010**

**Sr. Cognos Developer**

*Project:* **Insight Asia REACH P2\_FINANCE**

## *Description:* This is Power play Cube Financial reports development for the REACH-ph2 Reporting Project. for GSK Malaysia location has engaged Mahindra Satyam Computer Services to establish the BI and reporting environment using Cognos8.4 and deliver a proficient functionality for their Decision Support. Which they are dealing with the Health Care Products. They want to see the business status in the financial terms (Actual, Budgeting and Forecasting) for selected period of time.

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* Preparing Technical specs for the Reports Data Mapping.
* Developed Mockup reports and given demos to the users allowing them to visualize the final reports and suggest any changes they may require.
* Worked with Existing Reports & managing changes in the Model.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format.
* Using prompts to filter data. Changing the Appearance of Reports titles, ordering items. Adding conditional formatting to a report (Hiding & showing objects, Highlighting. Adding multiple layouts, Drill-through concepts.
* Prepared the Unit test case for the Reports. Manual testing while writing the sql queries for report to validate the right data fetching.

***Environment:*** Cognos 8.4 suite (Framework Manager, Report Studio, Analysis Studio, Query Studio, Metric Studio), Power play Transformer, Power play cubes, Oracle 10g.

**EDS Technologies (Ally Financial Inc**. f/k/a **GMAC Inc.), Pune - India Aug 2008 – Jan 2010**

**Tech Lead**

**Project#1**: **EASE OSCAR2 (July 2009 – Jan 2010)**

*Role:* **Tech Lead – Cognos**

* Involved in Installation & Configuration of Cognos 8 tools in distributed environments on Windows.
* Involved in requirement gathering and Developed technical specification documents based on functional requirements.
* Analyzing the specifications provided by the clients and Developing specification documents for reports as per client requirements
* Design and developed the Framework Manager models and Published into server.
* Developed Reports using Conditional Formatting, Cascading Prompts and Report Bursting.
* Developed List, cross tab, drill through, master-detail, chart and complex reports which involved Multiple Prompts, Filters, multi-page, multi-query reports against multiple databases. Used filters for efficient data retrieval.
* Developed Multi-dimensional models (cubes) using Transformer.
* Developed models in framework manager and created ID’s to use them as source to transformer (to build cubes).
* Created Special Categories, User Class Views, Securities.
* Implemented Time Based Partition cubes to support incremental update.
* Extensively worked on cube refreshing on monthly basis & worked on Data Validations.
* Design & development of the reports using Cognos 8 Report Studio, Query Studio and Analysis Studio.
* Interacting with the End users on a regular basis for resolving issues pertaining to the reports.
* Modifying the existing reports based upon the change request by the user.
* Creation of Dash Board Reports using Report studio MDX Functions and adding it to the portal page using HTML Items.
* Understanding the existing security structure of the company and implemented organizational security for Cognos environment (Folders, Models and Reports etc.). Implemented SSO between the company internal portal and Cognos.
* Added Data Security, Object and Row Level Security according to the requirements.
* Involved in deployment to UAT and Production.
* Troubleshoot Cognos Server Environment for the better performance

***Environment:*** Cognos 8.2 suite (Framework Manager, Report Studio, Analysis Studio, Query Studio, Metric Studio), Power play Transformer, Power play cubes, Oracle, DB2

**Project#2**: **Mars Buyer Dashboard-Phase4 (Jan 2009 to July 2009)**

*Role:* **Tech Lead – Cognos**

* Built Framework Manager Model and established the cardinalities to suit the business needs.
* Developed and Published Packages in Framework Manager - Connecting and testing the data source, created Database layer, Relationship layer and Presentation layer, defining appropriate relationship between query subjects.
* Implemented security for Data access, Object level access and Package access.
* Created User Groups, Roles to implement the Cognos Security, using Directory Server.
* Developed Reports using Conditional Formatting, Cascading Prompts and Report Bursting.
* Developed List, cross tab, drill through, master-detail, chart and complex reports which involved Multiple Prompts, Filters, multi-page, multi-query reports against multiple databases.
* Used filters for efficient data retrieval.
* Share point reports maintenance and Schedule management for the daily email reports.
* Creation of Power Play models and cubes Using Power Play Transformer and testing the report by comparing data with Cube data by using power play web explorer and the validity of the data it retrieves from the database.
* Migrating Powerplay Client HTML reports that are tabular and pivot oriented and convert them to pictorial/dashboard-oriented reports for executive management sales.
* Experience with conditional blocks and conditional layouts.
* Creating Dash Board Reports from cube using Report studio MDX Functions and adding it to the portal page using HTML Items.
* Modifying the existing report based upon the change request by the user.
* Customizing Cognos Connection Portal based on user specifications.
* Created business models based on power cubes, published to the portal and created daily, Monthly reports based on published package.
* Generated IQD files in Framework manager and designed Power play models in Transformer as sources of Metric Extracts.
* Developed Metric Extracts in Metric Designer as a Cube Sources.
* Developed Scorecards, Metric Types and Metrics in Metric Studio.
* Loading data into Metric Studio from Cube Sources.
* Deployment of reports from Development to Production.
* Production Support and Troubleshoot/Test issues with existing reports and cubes.
* Migration to the Cognos 8 platform in a distributed environment (reports/cubes/models/IQD's).
* Interacting with the Cognos support team and creating & following-up the cases in the Cognos support site.

***Environment:*** Cognos 8.2 suite (Framework Manager, Report Studio, Analysis Studio, Query Studio, Event Studio), Power play Transformer, Power play cubes, Oracle, DB2, Cognos ReportNet, MySQL, Toad.

**Project#3**: **LAO Phase-I (Aug 2008 to Jan 2009)**

*Role:* **Sr. Cognos Developer**

* Involved in understanding the Business needs and Customer requirements by participating in the Design Phase, user requirement gathering.
* Analyzing the specifications provided by the clients and Developing specification documents for reports as per client requirements.
* Designed the Framework Manager Model with all the necessary joins, filters and calculations for reports.
* Developed and Published Packages in Framework Manager - Connecting and testing the data source, created Database layer, Relationship layer and Presentation layer, defining appropriate relationship between query subjects.
* Involved in effort estimation based on the complexity of the business and the report design.
* Understand the security model and implemented the Row-Level Security according to the requirements.
* Developed Reports using Conditional Formatting and Cascading Prompts Developed List, drill through, master-detail, chart and complex reports which involved Multiple Prompts, Filters, multi-page, multi-query reports against multiple databases.
* Resolving the Performance issues of the Reports.
* Implemented security for Data access, Object level access and Package access.
* Interacting with the End users on a regular basis for resolving issues pertaining to the reports.
* Schedule management - Daily, Weekly, Monthly, and Quarterly and Yearly reports.
* Migration of Cognos code (reports/models/ frameworks) from 8.2 to 8.4.
* Testing reports using review checklists (SQL Scripts) for Quality Assurance before delivering to the end users.
* Installation and Configuration of the servers in Distributed environment (Web, Application and Data servers).
* Administering the Servers - Installation, configuration, roles, Privileges and Performance Tuning of the Servers.
* Understanding of Cognos BI security model and implement the security (Data Security, Object and Row level Security) according to the requirements.
* Managing Multiple Dispatchers, Content managers and Content Store in Multi-server environment.
* Responsible for back up Cognos 8 BI data and tune the Cognos 8 BI Environment.
* Troubleshoot the server Environment by using logs.
* Provide operational support for Cognos servers. (Recover servers in case of any failures/shutdown).
* Testing the report by comparing data with Line of Business (LOB) data by using DB2 (AQT).

***Environment :***Cognos 8.2 (Transformer, Cognos Configuration, Framework Manager, Report Studio, Query Studio & Analysis Studio), Cognos 8.2, Windows Server 2008, SQL Server 2005, Oracle 10g, MS Office (MS Excel, MS Access)

**Prithvi Solutions (T-Mobile), India Dec 2007 to Aug 2008**

**Sr. Cognos Developer**

* Queried data from different database tables as per the requirement.
* Created packages using multiple data sources in the framework manager.
* Created Dashboard for the presentation using most of the Cognos functionality (such as Conditional Formatting, Drill through and Dashboards etc.)
* Performed optimization on the existing reports to decrease the run time to meet the presentation time requirements and made changes to the existing reports for good look and feel.
* Created step by step documents for the packages and Reports creation
* Conducted User training for a batch of 10 on Cognos8.
* Providing support and troubleshooting problems as required.

***Environment:*** Cognos 8.2 suite (Framework Manager, Report Studio, Analysis Studio, Query Studio, Metric Studio), Power play Transformer, Power play cubes, Oracle 9i, MySQL, Toad.

**Prithvi Solutions (7 to 8 pm Retail) -Delhi, India May 2007 to Dec 2007**

**Cognos Developer**

* Worked on existing Reports & managing changes in the Model.
* Working with Data through Filtering, Sorting, Grouping Identical values, calculations, summarization, changing the data format. Using prompts to filter data & creating Custom groups.
* Changing the Appearance of Reports titles, collapsing a Report, ordering items, swapping rows & columns. Adding conditional formatting to a report (Hiding & showing objects, Highlighting.
* Designing and developing extensive to complex reports using multiple Queries, combination of chart and tables

***Environment:*** Cognos Report Studio, Impromptu, Framework Manager, Cognos Connection, Query studio, Analysis studio, Power play Transformer, Cube Reports, Oracle 9i, Toad