Dhanunjai Vasadi

BI Consultant

CAREER SUMMARY

Having 13+ years of experience in the IT Industry, Data warehousing tools IBM Cognos Analytics 11, Tableau, Power BI, SAP BO, DOMO, Python Visualization and QlikView.

* Work experience in Agile and Waterfall methodologies work environments. Experience in implementing Security using Active Directory and Access Manager.
* Expertise in developing interactive Tableau visualizations using Data Blending, Extracts, Context Filters,
* Calculations, Filters, Actions, parameters, Hierarchies, groups, Sets, Dual-axis charts etc.
* Experience in creating users, groups, folder permissions and automating the Tableau backup activities and monitoring the Tableau Servers.
* Experience in gathering the business requirements and converting to technical specification documents
* Experience in writing Tabular SQL, Views and Functions as per the business needs for data analysis.
* Experience in report performance tuning, SQL tuning and following best practices.
* Ability to meet deadlines and handle multiple tasks, flexible in work schedules
* Strong working knowledge with OLTP/OLAP based systems for reporting, querying knowledge for analysis skills.
* Understanding of modeling concepts (Snowflake, Star Schema etc) for DW based applications
* Extensive Knowledge in Creating Interactive Dashboards using Business Insight and Business Insight Advance.
* Proficient in Metadata Modeling using Cognos Framework Manager (DMR and Relational).
* Experience with a range of sources (Oracle, SQL Server, XML, flat file, Excel Spreadsheet etc
* Worked using Tableau Server in building, publishing customized reports and dashboards required as per the cases.
* Experience in collection information, analyzing, designing, developing, deploying and supporting the dashboards and workbooks using Tableau desktop
* Worked in performance tuning of reports within Tableau server and dashboards.
* Strong understanding of advanced tableau features including calculated fields, table calculations, parameters, joins and dashboard actions.
* Knowledge in designing ETL Workflows using DOMO, SSIS, Alteryx; creating mappings/workflows to extract data from Transformation from Oracle/Access/Excel Sheets using SQL Server SSIS.
* Good experience in Creating, Populating and maintaining Data marts. Thorough knowledge of Features, Structure, Attributes, Hierarchies, Star and SnowFlake Schemas of Data Marts..
* Experience on creating Python Visualization using Pandas, Seaborn & Matplotlib

TECHNICAL SKILLS

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| --- | --- |
| Business Intelligence Tools | IBM Cognos 11 Suite, Tableau, Power BI, Sap Business Objects Qlikview,, Python Data visualization (Pandas, Seaborn & Matplotlib) |
| Database Platforms  | Vertica, Oracle, SQL Server2008/2005, DB2 and MS-Access, Teradata |
| ETL Tools | AlterYX, SSIS, Informatica |
| Other tools | SSRS, SQLDeveloper, ALM, JIRA, Control-M, MotioCI, SQL Assistant, Autosys, Power Automate, Power APP |
| Data Modeling | Erwin, Microsoft Visio, Draw Io, miro |

Certification

* IBM Certified Cognos 10 BI Report Author
* Microsoft Power BI certified
* Microsoft Azure Fundamentals
* Microsoft Azure Data Fundamentals
* Microsoft Power Platform Fundamentals
* Tableau Desktop Specialist
* Tableau Author
* Tableau Consumer
* Alteryx Designer Core
* Snowflake Data warehouse
* Snowflake Data Sharing

PROFESSIONAL EXPERIENCE

AEP, Columbus, OH Jan 2024 to Till Date
BI Technical Consultant

* Analyzed Business System requirements and prepared the documentation for the Project Plan and the Scope of the Project
* Developed Data warehouse process models including sourcing loading transformation and extraction.
* Created complex reports in Cognos Report Studio with multi pages and set logic.
* Developed visualizations and dashboards using Cognos, Power BI .
* Restricted data for particular users using row level security and user filters in Cognos Framework Manger and Power BI.
* Implemented data blending to blend related data from different data sources.
* Built Dashboards with floating objects and capitalized the various dashboard actions features like URL, images, web integrations.
* Documented self-developed reports and Framework Manager (FM) Models as well as supported them
* Cleaning and Blending multiple data sources to allow for different views on application data in a single dashboard
* Responsible for Scheduling dashboards in Cognos reports as per user requirements

CVS, Irvine, TX Jul 2022 to Dec 2023

BI Consultant

The Comprehensive Kidney Care Contracting (CKCC) Options are a set of three voluntary payment options under the Kidney Care Choices (KCC) Model designed to reduce Medicare expenditures while preserving or enhancing the quality of care furnished to beneficiaries with late-stage chronic kidney disease (CKD) and end-stage. CVS Kidney Care CKD care management program is helping change the way patients receive care.

Responsibilities

Tableau server project folders &amp; user level access setup

Coordinating with Business stakeholders, technology managers to create data visualization solutions.

Developing rich interactive visualizations integrating with reporting components from multiple data sources using Tableau Desktop

Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.

Restricted data for particular users using Row level security.

Developed Tableau workbooks from multiple data sources using data blending.

Published Workbooks by creating user filters so that only appropriate teams can view it.

Closely working with ETL team for maintaining the quality of the data and reconcile Fact and lookup tables for finding the Gap analysis.

Building, publishing customized interactive reports &amp; dashboards and scheduling &amp; Subscribe using Tableau server.

Testing, validating database changes and analytics across DEV/SIT and Prod Regions

Testing the Reports (Unit Testing) and prepared Unit test case Documents.

Prepared User / Test documentation to train users and functionality of each report.

Updating the project status to the team in weekly status meeting.

Designing data models, creating dimensional modelling for star schema and snowflake databases

**Environment**: Tableau, Power BI, GCP, Teradata, Airflow, Tidal, Python

Cepheid, Sunnyvale, CA Oct 2021 to Jun 2022

BI Consultant

Cepheid is an American molecular diagnostics company and a Partner with Danaher Diagnostics. Its systems automate traditional nucleic acid tests (tests for specific sequences of DNA or RNA).in every stage of molecular diagnostics, from ideation to development and delivery of testing advancements that improve patient outcomes across a range of settings.

Design, develop and support of the overall Power BI model.

Trained Business users on various, Power BI, Tableau.

Assisted in the resolution of reporting and data quality issues.

Analyzed, designed and built complex reports.

Created intuitive and user-friendly reporting environment, ad-hoc and static reports.

Interacting with the IT team and End users on a regular basis for resolving issues pertaining to the reports.

Creating visualizations in Power BI and Tableau with various features like Geographical Maps, Heat Maps, Tree Maps,

Created Report and Dashboards in Power BI using multiple Data source as Spread Sheet and SnowFlake

Implemented RLS security in Power BI.

Create plans and test cases for data warehouse testing, ranging from unit to integration testing.

Create supporting documentation such as metadata diagram of entity relationships, business process and process flow

Developed data extraction procedures form other systems such as administration, billing, or claims.

Identify and document any inconsistencies between data model and report specifications.

Developed the ETL flow to get data from Operational Data store and loading it to Data warehouse using the ELT Alteryx tool.

Involved in deployment to UAT and Production.

**Environment:** Cognos 11, Power BI, Tableau, AlterYX, Tableau, SnowFlake, Oracle, Smartsheet, Miro

AEP, Columbus, OH Aug 2018 to Oct 2021

BI Technical Consultant

Design and develop Business Intelligence reporting solutions (reports) in MACSS, EPM and Maximo Windfarm & Charge Projects.

Analyzed Business System requirements and prepared the documentation for the Project Plan and the Scope of the Project

Converting Reports from Business Objects R3 to Cognos 11.

Developed Data warehouse process models including sourcing loading transformation and extraction.

Created complex reports in Cognos Report Studio with multi pages and set logic.

Developed visualizations and dashboards using Cognos, Power BI and DOMO.

Created action filters, Parameters, Calculated fields, Groups, Sets and hierarchies for preparing dashboards and worksheets in Power BI & Cognos.

Created various reports using COGNOS functionalities like Sub-Queries, Slice and Dice, Drill Down, Functions, Cross Tab, Master Detail and Formulas.

Restricted data for particular users using row level security and user filters in Cognos Framework Manger and Power BI.

Customized data by adding Prompts, Filters, Calculations, Summaries, Functions and Conditional formatting.

Implemented data blending to blend related data from different data sources.

Built Dashboards with floating objects and capitalized the various dashboard actions features like URL, images, web integrations.

Documented self-developed reports and Framework Manager (FM) Models as well as supported them

Generated Data extracts in Cognos Data module, Power Query Editor & DOMO Work bench by connecting to the view using different connector.

Cleaning and Blending multiple data sources to allow for different views on application data in a single dashboard

Defects Tracking & Fixing and Monitor activity, redirect staff and resources for efficient time burn.

Working on data analysis of reports, debugging reports data working with DB teams.

Working with users to resolve user queries on report data and support the user community.

Responsible for DOMO /Cognos administration like indexing, creating users, groups and providing and restricting access to the users

Responsible for Scheduling dashboards in Cognos reports as per user requirements

Simon Property Group - Indianapolis May 2018 to Aug 2018

BI Consultant

**Description:** Simon Property Group, Inc. (NYSE: SPG) is a self-administered and self-managed real estate investment trust (‘‘REIT’’). Simon Property Group, L.P., or the Operating Partnership, is our majority-owned partnership subsidiary that owns all of our real estate properties and other assets. In this package, the terms Simon, we, our, or the Company refer to Simon Property Group, Inc., the Operating Partnership and its subsidiaries.

Responsibilities

Designed and developed complex Report Studio objects (e.g. Active Reports, complex conditional formatting and complex hierarchical development within list frames) based upon report specifications -Unit test developed reports and verify results against specifications

Developed Data warehouse process models including sourcing loading transformation and extraction

Created Dashboards using Cognos Workspace and Active reports in Cognos 10.

Migration of reports from COGNOS 10 to COGNOS 11

Deploy the packages and reports from Dev to QA and QA to Production environment.

Implemented Data level and Object level security in Cognos Framework Manager.

Create plans and test cases for data warehouse testing, ranging from unit to integration testing.

Create supporting documentation such as metadata diagram of entity relationships, business process and process flow.

Implemented Framework manager security for row level access and Package access based on the Department and region Level.

Developed Tableau reports providing visualizations of various specifications on KPIs.

Experience in developing Tableau data visualization using cross tabs, box and whisker charts, pie charts, heats maps etc.

Generated Tableau Dashboards with context/quick/global filters, parameters and calculated fields on Tableau reports.

Developed and designed data models from scratch to help team in collecting data to be used for Tableau Visuals

**Environment:** Cognos 11/10.2 Suite (Cognos Connection, Framework Manager, Report Studio, Query Studio, Analysis Studio, Cognos Workspace, Cognos WorkSpace Advanced), Power BI, Erwin, MotoCI, Anaplan, Datastage, DB2 and Windows 2008/2003 Server

State of Ohio - BWC, Columbus, OH Apr 2016 to Apr 2018

BI Consultant

**Description:** Workers' compensation is a form of insurance providing wage replacement and medical benefits to employees injured in the course of employment in exchange for mandatory relinquishment of the employee's right to sue his or her employer for the tort of negligence

Responsibilities

Analyzed and reviewed business requirements and Technical Specification for Report Development

Developing rich interactive visualizations integrating with reporting components from multiple data sources

using Tableau Desktop

Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.

Restricted data for particular users using Row level security.

Developed Tableau workbooks from multiple data sources using data blending.

Published Workbooks by creating user filters so that only appropriate teams can view it.

Developed Data warehouse process models including sourcing loading transformation and extraction

Created Dashboards using Cognos Workspace and Active reports in Cognos 10.

Migration of reports from COGNOS 10 to COGNOS 11

Implemented Data level and Object level security in Cognos Framework Manager.

Create plans and test cases for data warehouse testing, ranging from unit to integration testing.

Create supporting documentation such as metadata diagram of entity relationships, business process and process flow

Developed data extraction procedures form other systems such as administration, billing, or claims.

Serve as a reporting expert as needed during user and systems testing.

Identify and document any inconsistencies between data model and report specifications.

Developed the ETL flow to get data form Operational Data store and loading it to Data warehouse using the ELT tool.

Document functional specifications, technical specifications and unit testing requirements as assigned

Created Tableau Dashboards with interactive views, trends and drill downs along with user level security.

Provide operational support for Cognos servers. (Restart servers in case of any failures/shutdown)

Created Data source connection for Spark and developed reports and Dashboards in Cognos 10/11 and Tableau.

Identify unused schedules, reports and deleted objects hanging out in your Content Store using Motio

**Environment:** Cognos 11/10.2, Tableau, MotoCI,, Spark Vertica, DB2, Automica and Windows 2007 Server

JP Morgan Chase Mar 2015 to Mar 2016

Application Developer

**Description:** JPMorgan Chase (NYSE: JPM) is one of the oldest financial institutions in the United States. With a history dating back over 200 years and operate in more than 60 countries. They are a leader in investment banking, financial services for consumers and small businesses, commercial banking, financial transaction processing and asset management.

Responsibilities

Design, develop and support of the overall Cognos Framework report model.

Design and develop Business Intelligence reporting solutions (reports).

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.

Trained Business users on various Cognos BI tools, Qlikview Tableau.

Developed filters, calculations, prompts, conditions and created various reports, using Report Studio for users.

Worked with Global Drill- through Definitions to drill through from analysis studio reports to report studio reports.

Developed Ad-Hoc Reports Using Cognos Workspace Advanced, Query Studio, Active Reports using Report studio and Dashboard Reports using Cognos Workspace and Cognos Workspace advanced, which is part of Cognos 10.2 suite.

Developed portal tabs to show reports on Cognos connection.

Developed List, Cross tab, Chart reports using Cognos functionalities like Conditional Formatting and set operations like union and joins in report Studio.

Extensively worked on building the reports with Collapsing Hierarchies to see the summary level and detail level information.

Developed new reports using functionalities like Layout Component Reference where to reuse prompts, Report Header and Footer and sections for List Reports

Used bursting options and scheduled reports to run at a different time to send email to users.

Interacting with the IT team and End users on a regular basis for resolving issues pertaining to the reports.

Generated Tableau Dashboard with quick/context/global filters, parameters and calculated fields on Tableau reports

Creating visualizations in Tableau with various features like Geographical Maps, Heat Maps, Tree Maps,

Horizontal and Vertical bar charts, Line Charts etc.,

Created Report and Dashboards in Cognos 10.2 and Tableau using impala (HDFS) as a Data source

Involved in deployment to UAT and Production.

Identify unused schedules, reports and deleted objects hanging out in your Content Store using Motio

**Environment:** Cognos 10, SAP BOQlikview 11, Tableau, Impala, GreenPlum DB, ALM, Informatica, Teradata and Windows 2007 Server.

CGI - GWCM (Wealth Management 360) Sep 2012 to Feb 2015

Sr Cognos Developer

**Description:** CGI Group Inc., is a global information technology (IT) consulting, systems integration, outsourcing and Solutions Company headquartered in Montreal, Canada. with large institutional clients in a wide array of industries and markets like Communications, Financial services, Government, Health, TD Bank, BMO, RBC and RJ are a national banking institution in the United States (chartered and supervised by the federal Office of the Comptroller of the Currency) which offers banking, insurance, brokerage and investment banking services, operates as TD Bank Group (TDBG) and is based in Toronto, Ontario, Canada.

Responsibilities

Developed complex reports using Report studio to assist organization's year-end, quarterly reports.

Involved in the Data Warehousing team to build the Star schema and Snowflake schema.

Involved in Cognos8.4 Installation & Configurations.

Migration of reports from COGNOS 8.4 to COGNOS 10

Created Model by importing tables from various data sources by using Framework manager.

Established Dimensional Modeling in Framework Manager by creating Regular dimensions, Measure dimensions, Hierarchies and Levels.

Enhanced the Packages by Refining Joins, Segmenting, Linking, Nesting and created specific Filters at package level.

Created & Published the Packages according to the business requirements.

Created User groups, Roles in Cognos Connection to implement the Security Features.

Created Ad-hoc, List, Crosstab, Charts and Drill through Reports by using Query Studio and Report Studio. Scheduled Reports to run on a monthly, weekly and daily basis.

Worked with Stored Procedure Query Subjects and Direct SQL reports in Report Studio.

Developed Dashboards which can be easy for the users to understand and navigate.

Involved in the Deployment of reports from Dev to Production Involved in Performance Tuning of the reports.

Updated the reports according to the client requirements.

Involved in the Testing of the reports.

Implemented security with LDAP and Group level security in Cognos connection portal.

Demonstrated and Trained Query Studio to various users and Developed various presentations.

Involved in requirement gathering from business users and prepared documentation to upgrade from Cognos 8.4 to Cognos 10.

Worked with QA team to design test plan and test cases for User Acceptance Testing (UAT).

Reviewed business process, URS and functional requirements.

**Environment:** Cognos 10.1/8.4/8.3 Suite (Cognos Connection, Framework Manager, Report Studio, Query Studio, Analysis Studio, Cognos Administration), TM1 9.5.2, SSIS 2012, ALM, Oracle 10g/11g, Apache Tomcat, Power play cubes and Windows 2003 Server.

CGI - Bell Canada Aug 2010 to Sep 2012

Sr Cognos Developer

**Description:** CGI Group Inc., is a global information technology (IT) consulting, systems integration, outsourcing and solutions company headquartered in Montreal, Canada. with large institutional clients in a wide array of industries and markets like Communications, Financial services, Government, Health,. Bell CSB is Canada's largest communications company, providing consumers with solutions to all their communications needs, including telephone services, wireless communications, high-speed Internet, digital television and voice over IP. Bell also offers integrated information and communications technology (ICT) services to businesses and governments and is the Virtual Chief Information Officer (VCIO) to small and medium businesses (SMBs).

Responsibilities

Developed and Published Packages in Framework Manager - Connecting and testing the data source, created database layer, physical layer and presentation layer, defining appropriate relationship between query subjects.

Implemented Framework manager security for row level access and Package access based on the Department and region Level.

Enhanced the Packages by Refining Joins and created specific Filters at package level.

Applied Package, Table and Row Level security for metadata access.

Implemented Third Party Security with LDAP and used those in creating Data Level, Object Securities in Framework Manager Models.

Created User groups, Roles in Cognos Connection to implement the Security Features.

Modified List, Crosstab, Charts, Master Detail and Drill through Reports and Complex reports which involved multiple prompts in Report Studio.

Built Power Play Reports in Report Studio and Analysis Studio based on cubes published to Cognos Server

Scheduled and Distributed Reports through Schedule Management in Cognos Connection

Involved in Deployment of reports, cubes and packages from Development to Production environment.

Worked on Conditional Formatting like highlighting the data and to show or hide the data.

Customized cognos reports based on user specifications.

Involved in Testing and Performance Tuning of the reports.

Implemented security with Cognos Access Manager to manage users and their profiles.

Created DDL, DML scripts for modifying database objects required for reporting.

Modified PL/SQL Stored Procedures, functions and views in database to improve the performance of Cognos Report Studio reports.

Migration of reports from COGNOS 7 to COGNOS 8.4

Involved in fine Tuning and Performance and Query optimization of the Database as required by the application.

**Environment:** Cognos 8.4 suite (Framework Manager, Report Studio, Analysis Studio, Query Studio, Cognos Administration, Metric Studio), Power play Transformer, Power play cubes, Oracle, Datastage, Cognos 7 Impromptu, Apache Tomcat

EDUCATION

Bachelor of Engineering - Anna University Chennai, ECE

PG Diploma in Business and Administration - BITE, London