**IBM Certified Administrator - Cognos 10 BI**

**IBM Certified Solution Expert - Cognos 10 BI**



**ANOY A. ANTONY**

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**SUMMARY**

* 14+ years of experience in information technology (IT), involved in all phases of project life cycle (SDLC)
* 9+ years of experience in Cognos BI application management and implementation
* Coordinate with business stakeholders and elicit business requirements
* Technical expertise in designing and developing Business Intelligence (BI) applications using OLAP & Reporting tools (Cognos 7.0/8.4/10.1/10.1.1/10.2, Report Studio, Analysis Studio, Query Studio, Event Studio, Powerplay Studio, Cognos Workspace, Cognos Workspace Advanced, Cognos Analysis for Microsoft Excel (CAFÉ), Transformer, Impromptu, Impromptu Web Reports (IWR), Architect, Access Manager, Scheduler, Cognos Query)
* Highly experienced in Cognos Sever Administration tools (Configuration settings, Access Manager, Upfront Portal, Cognos Security, PowerPlay Enterprise Server, IWR Reports, IWR Sever)
* Worked closely with the project management team to analyze and consolidate request requirements to improve the decision planning process and meeting project deadlines.
* Experienced in analyzing and designing reports with complex queries and layouts
* Experienced in analyzing and designing Dashboard reports
* Expert in modeling, designing and publishing Framework models
* Expertise in designing and developing Framework manager models using Stored Procedures, Relational tables, and Views
* Optimized the performance of impromptu and Power Play reports
* Expert in OLAP models and Power cubes using Cognos Transformer
* Worked with Analysis Studio/Powerplay Studio to develop multi-dimensional reports
* Diverse professional experience encompassing technical and functional leadership, design, development and implementation in integrated environment
* Record of achievement in project management, dramatically improving application/system infrastructure operating stability and efficiency
* In-depth knowledge in applying system and application development methodologies to achieve organizational strategic goals
* Sound technical skills in Programming, Technical Document Review, User Training and Maintenance/troubleshooting of Cognos reports, database applications in client/server environment using Microsoft technologies
* Innovative thinker, quickly assessing complex, enterprise-wide application, development and architectural issues and performing root cause analysis to provide resolution
* Ability to interact with individuals at all levels, work efficiently in a team and independently

**Education:**

* Master of Science - Major in Computer Applications, Indira Gandhi National Open University, India - 2003
* Post Graduate Diploma in Computer Applications, NICT, India – 1994
* Bachelor of Arts – Major in Economics, MG University, India - 1992

**IBM Cognos Certifications:**

* **IBM Certified Solution Expert** - Cognos 10 BI
* **IBM Certified Administrator** - Cognos 10 BI
* **IBM Certified Developer** - Cognos 10 BI Metadata Models
* **IBM Certified Designer** - Cognos 10 BI Reports

**Microsoft Certifications:**

* Microsoft Certified Professional in installing, Configuring and Administering Microsoft SQL Server 2000 Enterprise Edition
* Microsoft Certified Professional in Designing and implementing Databases with Microsoft SQL Server 2000 Enterprise Edition
* Microsoft Certified Professional in Developing and Implementing Web Applications with Microsoft Visual Basic .NET and Microsoft Visual Studio .NET

**TECHNICAL SKILLS**

Operating Systems/ Server Systems: Windows 2000/2003/2008 server, NT 4.0, XP, Linux

IDE/Tools: MS Visual Studio 2003, 2005, MS Visual Studio 6.0, Visual Interdev, MS Front Page, Macromedia Dream Weaver

Languages: VB.Net, ASP.Net, VB, C, C++

Microsoft .Net: .Net 2.0, 1.1, VB.Net, ASP.Net

Source Control: Visual SourceSafe, SCME

RDBMS: SQL Server 2000/2005/2008, Oracle 8*i,* MS Access, DB2

Internet/Scripting: IIS 6.0, ASP, HTML/DHTML, CSS, VB Script, Java Script

BI Tools: Cognos 10.2/10.1.1/10.1/8.4, Report Studio, Analysis Studio, Query Studio, Event Studio, Powerplay Studio, Framework Manager, Cognos Workspace, Cognos Workspace Advanced, CAFÉ, Cognos for Microsoft Office, MotioCI, Cognos 7.3, Catalog, Impromptu, PowerPlay, Transformer, Impromptu Web Reports, Upfront, Scheduler, Cognos Query, Access Manager, PowerPlay Enterprise Server, Reportnet

Data Warehousing: Informatica Power Center 7.1(Source Analyzer, Warehouse Designer: Mapping Designer, Mapplets, Transformations), ETL,

OLAP, OLTP, Erwin 3.5

Other: Crystal Reports 8.5/9.0, Microsoft Office, MS Visio, Toad,

HP QC

**PROFESSIONAL EXPERIENCE**

**Citi Group N.A, Warren, NJ** **09/2014 – 01/2016**

**Sr. Cognos Modeler / Analyst** (07/2015 – 01/2016)

Citi Group needs to convert the Business Object Reports to Cognos Reports. RKonvert is a solution framework that provides ready conversion from one reporting format to another. It provides an automated approach to the conversion process thereby accelerating migration while reducing risks. It retains the business logic, application behavior and structure of the original application. It supports for parameterized reports, grouping, sorting, aggregate functions, and formatting. Its architecture has been designed with necessary flexibility to accommodate additional reporting tools easily.

**Responsibilities:**

* Lead and provide direction to the team members
* Development research for the conversion of Business Objects Universe and reports to Cognos Model and reports
* Design the method to convert BO Universe and reports to Cognos Model and reports
* Provide solutions for non-convertible objects in the automation process
* Reduce the manual efforts and time in the conversion process
* Validation of migrated Semantic Layer and reports
* Validate the business logic, application behavior and structure of the original application
* Design/Review Technical design documents
* Administration of Cognos Portal

**Environment:** COGNOS 10.2/10.1.1, Framework Manager, Report Studio, Cognos SDK, Business Objects, Oracle 11g, HP QC

**Citi Group N.A, Warren, NJ**

**Sr. Cognos Modeler / Developer** (09/2014 – 06/2015)

Retail Distribution of Investment Products (RDIP) is a board-mandated, global initiative to review and address the risks in the distribution of investment products to retail investors across Citi. Investment Products Risk (IPR) is responsible for coordinating RDIP Implementation. As a result of this initiative, the RDIP Policy covering the retail investment product delivery chain from product design and approval through appropriate investor rating, product rating, and sales processes have been established.

Product, Client Legacy, and Client data will be acquired from countries across the globe on a monthly basis. The acquired data of Product, Client and Client Legacy across the globe will be loaded into the Reporting Data mart using ETL transformations. Multi dimensional Cube and reports are built for further analysis.

The project aims to automate the Data Quality Process and integrate the same with the Global Business Evaluation Dashboard to allow seamless views of Key Risk Indicators and associated Data Quality parameters. Automation of Data Quality reports entails the elimination of manual processes of entering Monthly Variances and Financials in addition to capturing all Data Quality Indicators.

**Responsibilities:**

* Design/Review Technical design documents
* Manage and provide directions to the offshore team members
* Administration of Cognos Portal
* Implemented security within Cognos using capabilities and Cognos role memberships
* Create and maintain different User Groups/Roles based on the user’s access permission
* Implemented Securities at different levels
* Deploying packages and reports among different environments
* Design Framework manager models using Stored Procedures, Relational tables, views
* Design Star Schema Grouping and Dimensional Hierarchy in Framework Manager Models
* Design Business Layer and Presentation Layer, defining appropriate relationship between query subjects and Fact Tables in Framework Manager.
* Review existing Framework Manager model. Recommend alternatives as needed to improve performance of Cognos reports, drill-through reports, etc.
* Implement Framework manager security for Data access, Object level access and Package access based on the groups and roles
* Design and create Query subjects, Query items, Filters and Namespaces in Framework manager models
* Design and develop packages for the power users for ad-hoc reporting
* Prepare and maintain data validation Queries
* Modify the existing dashboard to run for multiple countries instead of single Region/Country selection
* Analyzed the existing reports for additional changes needed to meet enhancement requests and modified the changes in the existing reports

**Environment:** COGNOS 10.1.1, Framework Manager, Report Studio, Query Studio, Event Studio, Analysis Studio, Powerplay Studio, Cognos Transformer, Cognos Workspace, Cognos Workspace Advanced, Oracle 11g, Oracle SQL Developer, HP QC

**Prudential, Roseland, NJ** **11/2013 – 07/2014**

**Sr. Cognos Modeler / Analyst**

Participant Level Reporting (PLR) is a reporting project, which focuses on providing participant level data that will permit users to analyze results and design strategies and tactics based on those analyses. The report users can analyze participation across cases by Industry, age, employer-size, prior amount of coverage. The main purpose of the project is to create Cognos packages for users to build their own adhoc reports, create canned reports as per the user’s requirements.

**Responsibilities:**

* Design Business Requirement Documents
* Defined data requirements and report layouts for the business to review
* Design and Develop Framework manager models
* Design and develop packages for the power users for ad-hoc reporting
* Implementing Securities at different levels
* Create and maintain different User Groups/Roles based on the user’s access permission
* Implement Framework manager security for Data access, Object level access and Package access based on the groups and roles
* Design Technical design documents
* Create requests to add users in different TAM, Role and Application Groups
* Maintenance of TAM group users
* Create training materials and provide training for end users
* Deploying packages and reports from Development to UAT and Production environment

**Environment:** COGNOS 10.2.1, Framework Manager, Report Studio, Query Studio, Event Studio, Analysis Studio, Powerplay Studio, Cognos Transformer, Cognos Workspace, Cognos Workspace Advanced, DB2 9.5/9.7, Oracle Toad for DB2 5.1, HP QC

**JP Morgan Chase, NY**  **02/2013 - 06/2013**

**Sr. Cognos Analyst / Developer**

J.P. Morgan Worldwide Securities Services (WSS) is a premier securities servicing provider that helps institutional investors, alternative asset managers, broker dealers and equity issuers optimize efficiency, mitigate risk and enhance revenue. J.P. Morgan is offering institutional investors the opportunity to enhance their portfolio returns by providing customized securities lending solutions that draw on risk and credit expertise and global equity and fixed income trading capabilities. The main goal of the project is to generate dashboards and reports such as Daily Loan positions and Earnings, Monthly statement earnings.

**Responsibilities:**

* Reviewing of existing BI environment and proposing corrections or suggestions to the architecture and design
* Implementing Securities Entitlements at different levels
* Build/maintenance of reports using Cognos and Microsoft office toolsets
* Designing and developing Framework manager models using Stored Procedures, Relational tables and views
* Creating Query subjects, Query items, Filters and Namespaces in Framework manager models
* Design and develop packages for the power users for ad-hoc reporting
* Designing DMR models with Relational Data using Framework
* Implement Framework manager security for Data access, Object level access and Package access based on the groups and roles
* Design dashboards using Business Insight
* Create different User Groups/Roles based on the user’s access permission
* Create training materials for end users
* Create jobs for scheduling reports
* Deploying packages and reports from Development to UAT and Production environment using MotioCI

**Environment:** COGNOS 10.1.1, Framework Manager, Report Studio, Query Studio, Event Studio, Business Insight, Business Insight Advanced, Cognos for Microsoft Office, MotioCI, Oracle, PL/SQL Developer, Active Directory, Windows 2008

**Prudential, Newark, NJ** **01/2012 – 12/2012**

**Sr. Cognos Architect / Developer**

Strategic Investment Research Group (SIRG) is the investment research unit of Prudential Financial. SIRG provides research, analysis and due diligence on investment management firms and the vehicles and strategies they offer. SIRG employs the most advanced technological tools, including performance analytics and proprietary reports. The main goal of the project is to create Dashboards, Report studio reports, Analysis for Microsoft Excel reports using Cognos 10.1.1 tools.

**Responsibilities:**

* Gathered and analyzed business requirements from users and business community
* Designed Functional Requirement Specifications for report development
* Designed and developed Framework manager models using Stored Procedures, Relational tables, views and published into Cognos Connection.
* Designed Star Schema Grouping and Dimension Hierarchy in Framework Manager Models
* Created Business Layer and Presentation Layer, defining appropriate relationship between query subjects and Fact Tables in Framework Manager.
* Created Query subjects, Query items, Filters and Namespaces in Framework manager models
* Designed and developed packages for the power users for ad-hoc reporting
* Customized Cognos Connection with appropriate reports and security measures
* Involved in Designing DMR models with Relational Data using Framework Manager and deployed packages to the Report Servers
* Implemented Framework manager security for Data access, Object level access and Package access based on the Organization Level
* Developed dashboards using Business Insight
* Developed List, Cross tab, Drill through, Master-detail, chart and complex reports which involved multiple prompts, conditional blocks, conditional formatting in Report Studio
* Created different User Groups/Roles based on the user’s access permission
* Trained the end users to effectively use the reporting tool to build and customize their ad-hoc reports using Business Insight Advanced
* Data analyzed and created ad-hoc reports
* Developed Prompt pages and Conditional Variables
* Scheduled and Distributed Reports through Schedule Management in Cognos Connection
* Created and scheduled events
* Created and published Cognos Analysis for Microsoft Excel(CAFÉ) reports using excel as the datasource
* Prepared documentation for user training
* Deploying packages and reports from Development to UAT and Production environment
* Maintained the packages and reports in development, test and production environment.
* Created Filters, Prompts, Calculations both at package level and report level.

**Environment:** COGNOS 10.1.1, Framework Manager, Report Studio, Query Studio, Event Studio, Analysis Studio, Powerplay Studio, Cognos Transformer, Business Insight, Business Insight Advanced, Cognos Analysis for Excel (CAFÉ), Microsoft SQL Server 2008, Active Directory, Windows 2008

**LFUSA, New York, NY** **01/2011 – 12/2011**

**Sr. Cognos Developer / BI Analyst**

Li & Fung specializes in supply chain management of high-volume, time-sensitive goods for leading retailers and brands worldwide via an extensive global network. Li & Fung provides sophisticated, one-stop-shop supply chain solutions to meet customers' specific needs. From product design, raw material sourcing and production management to quality control, logistics, shipping and other important functions, its spectrum of services covers the entire supply chain end-to-end. The main goal of this project is to create Sales Dashboards, Cubes and developing Report studio reports and Power Play reports using Cognos 8.4.

**Responsibilities:**

* Designed Functional Requirement Specifications for report development, modified relationships between different database tables and building models using Framework Manager.
* Customized Cognos Connection with appropriate reports and security measures
* Involved in Designing DMR models with Relational Data using Framework Manager and deployed packages to the Report Servers.
* Implemented Framework manager security for Data access, Object level access and Package access based on the Organization Level.
* Implemented Star Schema Grouping and Dimension Hierarchy in Framework Manager Model.
* Created Intermediate layer and Presentation Layer, defining appropriate relationship between query subjects and Fact Tables in Framework Manager.
* Developed complex dashboards (eg: Showing sales for different Organizations, One view Dash Boards, Gross profit, Inventory.), List, cross tab, drill through, master-detail, chart and complex reports which involved multiple prompts in Report Studio.
* Developed Power Play reports for Different Organizations in LFUSA. Created Cubes for Sales, Orders, Billing Status, Inventory.
* Created different User Groups based on the Organizations for cubes and dashboards.
* Trained the end users to effectively use the reporting tool to build and customize their ad-hoc reports
* Data analyzed and created ad-hoc reports
* Developed Prompt pages and Conditional Variables
* Scheduled and Distributed Reports through Schedule Management in Cognos Connection
* Trained Users on Power Play Studio for Ad-Hoc Reporting.
* Involved in documentation for user training.
* Designed models by mapping business needs using Power Play Transformer and created multi dimensional cubes, cube groups, Power Play reports
* Decreased the Cube build time drastically and increased runtime performance.
* Designed multidimensional models using Transformer.
* Developed multidimensional reports in Report Studio by implementing multi-dimensional cubes
* Developed reports in Reports studio using MDX functions
* Involved in Deploying reports, cubes and packages from Development to Production environment.
* Maintained the packages and reports in development, test and production environment.
* Generated SQL/MDX and analyzed Cognos SQL, Native SQL to trouble shoot the report issues
* Created Filters, Prompts, Calculations both at package level and report level.
* Created calculated fields, manual dimensions and used special categories for creating cubes and reports using Transformer models

**Environment:** COGNOS 10.1/8.4 (Report Studio, Query Studio, Analysis Studio, Power Play Studio, Event Studio, Transformer), Microsoft SQL Server 2008, SSIS (Data Transformation Services), Active Directory, Windows XP/2003

**Subex Inc, Piscataway, NJ** **01/2009 – 12/2010**

**Sr. Cognos Developer / Analyst**

Claims Management system - The business team needed real time reporting to perform intelligent data analysis to make strategic decisions on claims. Claim management system is a complete lifecycle claims solution, delivering user effectiveness and totally optimized business outcomes. It guides claims handlers through the complex process of dealing with all parties related to the claim. It informs and alerts claims supervisors and senior executives by providing vital claim operating information through real-time dashboards and regular information reports.

**Responsibilities:**

* Involved in Developing Framework Manager Models with Physical layer and Presentation Layer to cater the various businesses needs (Folders, Filters, and Macros)
* Design and develop query models that support their tactical and strategic reporting needs
* Customized Cognos Connection with appropriate reports and security measures
* Created new jobs and scheduled reports using Cognos Connection
* Design and develop logical dimensional models implemented in both multi-dimensional databases or cubes and in the form of star schema database
* Design, Develop , Build and Support metadata/ models and cubes in Transformer
* Identified various dimensions and measures required for the generation of a cube
* Developed List, cross tab, drill through, master-detail, chart and complex reports which involved Multiple Prompts, cascading prompts, multi-query in Report Studio, Burst Reports against database
* Developed reports involving Multi Query, Multi page, Discontinuous cross tab, Graphical, Repeater,   Union queries with a very high level of detail and formatting
* Created custom prompt reports in Report Studio, Bursting reports to different user groups
* Developed Dash Board reports in Report Studio
* Trained power users to use Query Studio for Ad-Hoc reporting.

**Environment:** Cognos 8.4, Framework Manager, Report Studio, Query Studio, Analysis Studio, Event Studio, Cognos Connection, PowerPlay Transformer, SQL Server 2005, IIS Web Sever.

**Deutsche Bank, New York 09/2008 – 12/2008**

**Cognos Specialist**

Vurv HR Management System - Vurv is a global HR management system for Deutsche Bank for handling all HR related activities. The system tracks when a new candidate submits his employment application till its final stage whether his application approved or rejected. Each candidate has to go through different stages. The system designed to generate different kinds of reports like aging reports, cost of hire, Dash board, number of open requisitions, number of candidates on hold. And all these reports are generating region wise

**Responsibilities:**

* Analyzed updated user requirements
* Involved in gathering business requirements for the model
* Development of functional specifications
* Worked extensively on developing the model and publishing the package on cognos connection
* Created and deployed packages for reporting and ad hoc users for the query studio
* Designed different reports for each country/region
* Developed report requirement templates as per the business requirements
* Implemented data level, object level and package level security in Framework manager
* Worked with List, Cross tab, prompts and various types of graphs
* Created Drill through reports for summary and detail level
* Engaged in Publishing and scheduling the reports
* Participated in all the global meetings involved by all the users from all the regions
* Developed all the required Cubes and Drill Through reports for the project
* Developed Business Reports and Cycle time Metrics
* Developed Cubes in PowerPlay
* Developed Models, Reports and Cubes as per the design considerations
* Provided Production support
* Involved in functional testing of the reports

**Environment:** Cognos 8.3, Framework Manager, Report Studio, Analysis Studio, Query Studio

**AT&T, Middletown, NJ 04/2006 – 07/2008**

**Cognos Business Analyst**

DTS Application - DTS is a case management system utilized by customer service representatives to manage disputes from the time of first customer contact, until resolution. Because it was designed to work with current AT&T billing system, DTS provides a seamless, efficient method for resolving many kinds of customer disputes. The Dispute Tracking System takes its name from the functions it provides to its users. The main functions of DTS are Logging, Managing, and Tracking billing disputes.

**Responsibilities:**

* Requirements gathering and analyzing user requirements and categorizing the reports and delivery process
* Prepared prototypes and got approvals from the business owners
* Created/enhanced catalogs and set User Profiles to grant user permissions for querying
* Create Joins between the tables and shortcuts
* Developed all the required Cubes and Drill Through reports for the project
* Developed Business Reports and Cycle time Metrics
* Created User Classes in Access Manager
* Developed Cubes in Transformer, published on Upfront
* Development of functional specifications
* Developed Models, Reports and Cubes as per the design considerations
* Testing and validating the data on Cognos Cubes
* Worked on Models, Namespaces, Folders, Query Subjects
* Optimized the performance of Impromptu and PowerPlay reports
* Developed Drill Through reports from Cubes
* Created Value Prompts and Text Prompts to filter the data
* Developed List, Crosstab, Chart, Section, and Drill Through reports
* Created Scheduled reports
* Performed Developer testing, Functional testing and Unit testing for the reports
* Analyzed the requirements and framed the business logic for day to day activities
* Troubleshooted Cognos problems and tuned for performance
* Developed multidimensional reports using Analysis Studio/Powerplay Studio
* Administered user access protocols and manage user groups and access privileges
* Administered Cognos server and reports

**Environment:** Cognos 7.3, Impromptu Administrator, PowerPlay Transformer, PowerPlay Enterprise Server, Cognos Access Manager, Cognos Upfront, PowerPlay Web, SQL Server 2000.

**iSmart Business Solutions, Cochin, India 07/2000 – 12/2005**

**Senior System Analyst**

HARVEST *it* - “HARVEST i*t*” is a 'seed to sale' user-friendly enterprise solution for agri-business. It can provide highly specialized solutions for tea, coffee, rubber, jute, sugarcane, oil palm, tobacco, vineyards, banana plantations, floriculture, and horticulture. It can also handle multi-crop plantations and other single crop plantations. The solution encompasses all functional areas like payroll management, stores management, production, workshop, nursery, and bookkeeping of estates, purchase, sales and financial activities of the head office, MIS, EIS, Budgeting etc.

**Responsibilities:**

* Involved in system study, analysis and design of the system
* Involved in the database design
* Designed tables, triggers, functions and stored procedures
* Involved in the design and development of various reports using crystal reports and cognos tools
* Advised onsite/offshore teams on implementation and process improvements
* Collaborated closely with clients to gather requirements and analyze workflows and provide post production support
* Analyzed the requirements and framed the business logic for day to day activities
* Prepared prototypes and got approvals from the business owners
* Created/enhanced catalogs and set User Profiles to grant user permissions for querying
* Troubleshooted Cognos problems and tuned for performance
* Provided administrative support for production issues
* Code review and code optimization
* Testing and validating the data on Cognos Cubes
* Administered user access protocols and manage user groups and access privileges
* Administered Cognos server and reports
* Designed many web pages and business layer classes using VB.Net and ASP.net
* Worked with QA and UAT teams to do integration and user acceptance tests

**Environment:** VB, VB.Net, ASP.Net, IIS, Cognos 6.0/7.0, Impromptu Administrator, PowerPlay Transformer, PowerPlay Enterprise Server, Cognos Access Manager, Cognos Upfront, PowerPlay Web, SQL Server 2000.

**NAPCL, Cochin, India 02/1996 – 06/2000**

**Software Engineer**

The ERP system developed for NAPCL, an ISO 9002 certified company. The system deals with the various processes needed for the production of their various products.

**Responsibilities:**

* Developed many web pages using ASP, ASP.Net
* Developed different modules using VB
* Designed and developed user interface
* Developed different reports using Crystal reports as per the user requirements
* Involved in the installation and configuration of the system
* Involved in user training
* Involved in creating user manual
* Designed and developed stored procedures and tables in Oracle
* Source code control and version maintenance using MS Visual Source safe 6.0
* Performed unit and system integration tests
* Worked with QA and UAT teams to do integration and UAT
* Client support and maintenance

**Environment:** VB, VB.Net, ASP, ASP.Net, Macromedia Dream Weaver, Oracle, Crystal reports

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