ANURAG P

Sr. Certified Lead Cognos Developer

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**Summary of Qualifications:**

* 6 + years of extensive Functional and Technical experience in Data Warehousing, Data Modeling, Business Intelligence (BI), Decision Support Systems (DSS) and OLAP, ETL tools, product development and Reports Generation.
* Extensive exposure to various business sectors such as Finance, Insurance, Retail, and Education.
* Extensive experience in database design, data analysis, development, SQL performance tuning, data warehousing ETL process, data conversions and user documentation.
* Experience in Cognos 10/8 BI (Framework Manager, Report Studio, Query Studio, Event Studio, Metric Studio, Analysis Studio and Cognos Connection) and Report Net1.1.
* Experience in Conceptual, Logical and Physical data modeling with strong knowledge of Data warehousing concepts and Dimensional modeling - Star schema/Snowflake schema – Kimball and Inmon methodologies.
* Experience in developing various reports like List reports, Crosstab reports, Charts, Dash Boards and Score cards
* Involved in entire development lifecycle process of data warehousing.
* Expert at creating Multi-dimensional Cubes for corporate data using PowerPlay Transformer.
* Published cubes and PowerPlay reports to Upfront using PowerPlay Enterprise Server.
* Strong programming and debugging skills in Oracle Data Warehouse, PL/SQL, SQL
* Hands on experience in administering, deploying and maintaining models, reports and cubes
* Installed and configured various components, such as the Framework Manager and Content Manager.
* Extensive experience in gathering and documenting user requirements, report development, setup security infrastructure at Data and object levels as part of setting up reporting infrastructure.
* Experience in working with Cognos 8 Go Office.
* Strong Experience in User acceptance test, product support, version control and change management.
* Possess Excellent Communication (both verbal and written) & Interpersonal skills technically sound, Result-Oriented with strong Problem Solving skills.
* Team Player as well able to work independently with minimum supervision, innovative & efficient, good in debugging and strong desire to keep pace with latest technologies.

**Technical Competencies:**

**BI/OLAP**: Cognos BI 10/8.4/8.3/8.2/8.1(Report Studio, Query Studio, Cognos Connection, Analysis Studio, Event Studio and Framework Manager), Cognos Go Office, Reportnet 1.1, Powerplay Transformer, Impromptu Web Reports (IWR), Upfront, Cognos Impromptu Administrator and MS-Excel

**ETL:** Data Stage 8.x/7.x, Informatica 8.6, SSIS.

**Databases:** Oracle 11g/10g/9i/8i, Netezza, DB2, MS SQL Server, Teradata, MS Access.

**Database Tools:** TOAD, Rapid SQL, Query Analyzer, SQL Developer.

**Data Modeling**: ER/Studio 3.5/4.0, Erwin 7.3/4.1, Power Designer.

**Languages:** C, C++, Java, Excel VBA, SQL, PL/SQL.

**Operating Systems:** Windows 7/XP/2000,UNIX (AIX, HP-UX), LINUX.

**Certification & Training:**

* IBM Cognos 10 BI Author
* IBM Cognos 10 BI Metadata Model Developer
* IBM Cognos 10 BI Administrator

**Professional Experience:**

**DirecTV LA, California July 2011 - Present**

**Domain: Entertainment / Broadcasting**

**Role: Cognos Lead Developer/Business Analyst**

**DirecTV** is an American direct broadcast satellite service provider and broadcaster. It provides television and audio services to subscribers through satellite transmissions. Services include the equivalent of many local television stations, broadcast television networks, subscription television services, satellite radio services, and private video services. Subscribers have access to hundreds of channels, so its competitors are cable television service and other satellite-based services.

**Responsibilities:**

* As a Lead, provided BI solutions across all areas of Cognos including Cognos Administration, support, design and development of BI applications and Data Warehouse projects.
* Developed the projects as per Agile methodologies.
* Interacting with business analysts to gather requirements to design and develop the reports.
* Involved in peer review process to review the reports created by developers.
* Worked closely with Business analysts and Data Warehouse team to design the best BI models for reporting and analysis.
* Worked on different projects that involved creating project plans, managing the project.
* Created Framework packages with various security settings and published onto Cognos Connection.
* Created Database layer, Business layer in the model by defining appropriate relationship between query subjects.
* Defined package level, object level securities to allow users create calculations over the query items.
* Modeled the metadata in the project by adding business rules such as filters and calculations.
* Build power cubes with package as source using power play transformer.
* Generated packages out of the cubes and published onto cognos connection.
* Upgraded reports from Cognos 8.4 to Cognos 10.1
* Developed complex reports like multipage reports with master detail relationships, Prompts, Calculations and Conditions using cognos report studio In PDF and excel and adhoc reports using query studio.
* Created analysis from analysis studio using the cube packages as source.
* Created drill through definitions in the reports based of the cubes to drill down to detail level of the data.
* Created List, Cross Tab, Repeater, Chart reports and drill through reports in report studio.
* Perform day to day cognos administration and production support activities.
* Administering user access to reporting applications which includes setting up cognos security by assigning users to the groups and roles defined in the cognos Namespace.
* Giving Access to different folders, Packages, Reports based on the users request.
* Scheduled and distributed reports using Schedule Management In cognos connection.
* Worked with ETL team to design datamarts by understanding user requirements and increasing the reporting efficiency.
* Performed unit testing and documented test cases and detail design of the project.

**Environment:** Cognos BI 10.1/10.1.1/8.4 (Framework Manager, Cognos Connection, Query Studio Report Studio, Metric Studio, Analysis Studio, BIA, Business Insight and Event Studio), Cognos TM1, Cognos Framework Manager, Cognos Transformer, Informatica 8.6.1, SQL Server 2008, Oracle 10g and Windows server**.**

**State Farm Insurance, Bloomington, IL June 2010 - July 2011**

**Domain: Insurance**

**Role: Lead Cognos Developer**

State Farm Insurance is a group of insurance and financial services companies in the United States. The group's main business is State Farm Mutual Automobile Insurance Company, a mutual insurance firm that also owns the other State Farm companies. The corporate headquarters are in Bloomington, Illinois.

**Responsibilities:**

* Installation of various Cognos tools in distributed environment (Development, Test and Production).
* Customized Cognos Connection with appropriate reports and security measures.
* Implemented Security with LDAP and Group level security in Cognos Connection Portal.
* 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.
* Worked on bug fixing and enhancements to existing Cognos reports in Report Studio & models in Framework Manger and development of any new Reports.
* Implemented Star Schema Grouping and Dimension Hierarchy in Framework Manager Model.
* Modeled metadata from Oracle data source for use in Report studio and Query Studio using Framework Manager.
* Created Database Layer, Intermediate layer and Presentation Layer, defining appropriate relationship between query subjects and Fact Table in Framework Manager.
* Developed List, cross tab, drill through, master-detail, chart and complex reports which involved Multiple Prompts in Report Studio.
* Created reports with Optional filters and custom prompt pages (using HTML and JavaScript) in Report Studio.
* Responsible for the migration of cognos content (Packages, reports and dashboards) from DEV to TEST and from TEST to PROD
* Created Drill through reports from Dashboard to all summary/Trend reports, Trend reports to Summary reports and Summary to Detail reports.
* Developed Cognos Portal integration & Cognos portal design.
* Reviewed the Cognos Framework Manager model developed in development environment by other team members. Upgraded reports from 8.2 to 8.4.
* Deployed reports into servers in Cognos connection.
* Worked on Analysis Studio to develop multi dimensional reporting.
* Trained the end users to effectively use the reporting tool to build and customize their ad-hoc reports.

## Environment: Cognos 8.4, 8.2 (Framework Manager, Cognos Connection, Query Studio Report Studio, Metric Studio, Analysis Studio, Transformer and Event Studio), Oracle Database 10g, JavaScript and HTML, PL/SQL, Java, XML, DB2 9.1, Toad 9.7.2, UNIX, Windows 2000/XP

**Baxter Health Care, Deerfield, IL Aug 2009 - May 2010**

**Domain: Health Care**

**Role: Cognos Consultant**

Baxter International Inc. through its subsidiaries, develops, manufactures products that save the lives of people with hemophilia, immune disorders, kidney disease, trauma, and other chronic and acute medical conditions. This project is called Clinical Trial Management System (CTMS) which involved developing Clinsight Reporting in Cognos. The Global Clinical Dashboard (GCB) is developed in this project which requires enrollment information for all subjects under protocols that will be investigated for programs.

**Responsibilities:**

* Involved in analyzing and gathering requirements and provide input into project timelines and ensure adherence to project timelines.
* Designed, implemented technical solutions that address complex business requirements and served as a main technical support and perform root cause analysis for problems experienced within all the cognos reports/Models.
* Designed and developed/modified the Framework Manager model packages defining the cardinalities and namespaces
* Designed and developed complex cognos reports and dashboards per business requirements.
* Created list reports and cross tab reports, charts, Maps and drill through reports. Created complex filters, Conditions and complex financial calculations for developing the reports using report studio as per the user requirements.
* Created Multi page reports with grouping and sorting, creating -master detail relationships.
* Used Conditional formatting to discard unwanted columns in the report using style variables
* Used render variable on some report pages and also on List, Bar Graphs to render the list and the graph based on the user selection.
* Used Conditional blocks to display the graphs, crosstab and list based on selection of a value from the value prompt.
* Experience in developing Dashboards for data management, data quality, and decision making ability and analyzing requirements.  Knowledge of logical and physical data modeling and data warehouse architecture.
* Worked extensively in development of Framework Manager Model for development of dashboard style complex reports like Global Clinical Dashboard, Protocol Enrollment, Site Enrollment, Country Enrollment, Milestones and Management Reports throughout the project.
* Implemented Security prototype for cognos business intelligence environment incorporating row level, object level, data level, and package level and report level security.
* Identifying and implementing process improvements in the existing cognos reports/dashboards.
* Performed scheduling of the reports and created report view of a report for the users.
* Deployed reports and packages from development to test and from test to production using cognos administration.
* Worked with cognos support team and Involved in production support by resolving users problems.
* Support unit testing, integration testing and user acceptance testing.

**Environment:** Cognos 8.3 BI (Report Studio, Query Studio, Framework Manager, Connection), PowerPlay Transformer, PowerPlay Windows, Access Manager, Oracle 10g/9i, Erwin 4.0, 7.1, SQL Server 2000, Flat Files, Windows NT

[**Capital One Bank**](http://www.capitalone.com/), **Richmond, VA May 2008 - Aug 2009**

Domain: Banking

Role: Cognos Developer

Capital One is a diversified bank that offers a broad array of financial products and services to the customers, small business and commercial clients. A fortune 500 company Capital One has one of the most widely recognized brands in America based on the deposits. The project involved developing extensive financial reports and statistics to cover daily, monthly, quarterly, half-year and annual historical information with detailed analysis providing accessible rights to the respective Cognos users.

**Responsibilities:**

* Worked with Cognos 8.1 during this requirement because Capital One was migrating Impromptu Catalogs to Cognos 8.1 and PowerPlay cubes to Cognos 8.1
* Worked extensively on creating the Model and publishing the package on Cognos Connection for future reporting.
* Designed and developed the Cognos 8.1 Framework Manager Metadata Model using PowerPlay cubes, Impromptu Catalogs as Data Sources to accommodate future growth in reporting requirements.
* Single Handedly Migrated cubes and Impromptu Catalogs from Series 7 to Cognos 8.1 MR1.
* Created cube model packages in FrameWork Manager. A folder structure is used to group the cubes of the same nature in Upfront.
* Optimized the cubes and set up Framework Manger model so that the cubes can be used in Analysis Studio and Report Studio.
* Gathered the requirements from Business Users and created the reports based on those requirements in Analysis Studio as well as in Report Studio.
* Upgraded Reportnet to Cognos 8.1 to get the required results as per the client requirement.
* Designed, developed, Tested and improved Report Performance.
* Created reports using cube views in production Series 7 in the Upfront folder.
* Trained Business users in Analysis Studio.
* Created reports by using data from various data marts created by DataStage jobs.
* Created Frame Work Manager Models using PL/SQL stored Procedures.
* Migrated ReportNet 1.1 MR1 package on to Cognos 8.1
* Created Dashboards in Cognos 8 BI to communicate complex information quickly.

**Environment:** Cognos 8.1 BI, Analysis Studio, Event Studio, Framework Manager, Metrics Studio, Cognos Connection, Report Studio, Query Studio, Upfront, Cognos 7 series Impromptu, PowerPlay, IWR, Cognos Configuration Manager, Content Manger, Windows 2000, Oracle 9i, PL/SQL, Microsoft Excel, Microsoft Word, MS Visual SourceSafe 6.0, Data Stage.

**Baskin-Robbins, Bangalore, India Apr 2006 - May 2008**

**Domain: Retail Industry**

**Role: Oracle Developer**

Baskin-Robbins is the world's largest chain of ice-cream specialty stores, selling high- quality ice creams and beverages in more than 4,600 locations in 52 countries. The project is designated to know the sales and distribution of the Products manufactured by the Company. The reports are used to analyze the sales and profits. The Higher officials to know the effort put by the down line officials till distributor and sales executives.

**Responsibilities:**

* Migrated Cognos 7.3 Catalogs and Reports to Report Net1.1 MR2.
* Developed Framework Manager Models with Physical layer and Presentation Layer to cater the various businesses needs (Folders, Filters, and Macros)
* Implemented Third Party Security with AD and use those in creating Data Level, Object Securities in Framework Manager Models.
* Developed Complex Report Studio Reports using Bursting, Tabular Objects.
* Created Drill- through reports and Customized Reports with Prompts (List. Cross tab)
* Created Informatica workflow, mapping, and loading the data into target tables.
* Prepared User documentation to train users and functionality of each report.
* Provided security in Cognos Connection and setup ReportNet security by assigning users to the groups and roles defined in Cognos Namespace.
* Created IQD files from Reportnet and designed Power play models in Transformer.
* Involved in building the Cubes and optimizing the cube creation.
* Published cubes and created Powerplay Reports for the web users.
* Designed sample business Reports to cater the business needs.
* Created Drill-Down Hierarchies and used slicing and dicing technologies to provide optimized Reports.
* Developed SQL Scripts for testing the reports & developed Stored Procedures to build the Reporting Database for Exclusive Reporting.

**Environment:** COGNOS ReportNet1.1 MR2 (Framework Manager, Query Studio, Report Studio) Power Play Enterprise Server 7.3, Transformer 7.3, Informatica Powercenter 7x, Oracle 9i, SQL Server 2005