**Swathi Donoori**

**COGNOS DEVELOPER**

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#### PROFESSIONAL SUMMARY

8+ years of experience in IT Industry as **Cognos Developer**and expertise in providing business solutions for IT Industry in areas such as Insurance, Health Care, Oil & Energy, and Banking Services with a Functional and a Technical approach in Business Intelligence (BI) and Report Generation.

#### TECHNICAL EXPERTISE

* Expertise in Full life cycle system development: **Requirement gathering, Administration, Designing, Development, Testing** and **deployment** of Data Warehousing and Business Intelligence applications using COGNOS Suite 7/ 8/10.
* Expertise of **Cognos** suite Cognos 8.x/10.x (Framework Manager, Cognos connection, Query Studio, Report Studio, Transformer, Metric Studio, Event Studio, Business Insight and Advanced Business Insight).
* Expertise in **Framework Manager** Modeling (**DMR and Relational Models**), Complex Report building with Report Studio and Adhoc Reports in Query Studio.
* Proficient in designing multidimensional Model in Framework Manager in **Cognos** BI version 8 and as well as Strong knowledge and understanding of **Snow Flake** and **Star Schemas**.
* Expertise in creating **List Reports, Crosstab Reports, Drill through Reports and Multidimensional Reports with Cascading prompts, Macros, Filters, Conditional formatting, Table of Contents, drill through operations, bookmarks, and Calculations** using Cognos Report Studio.
* Expertise in **Report Bursting**concept to make available report to burst in report studio.
* Expertise in**scheduling**thereports on daily/weekly/monthly basis to **directory entries or sending emails** to recipients in cognos connection.
* Expertise in providing **security** to the reports in cognos connection and producing reports in different format such as**PDF/Excel/XML**.
* Expertise in designing**Dashboards and Scorecards** for quick review for business users of different user classes from Cognos Connection.
* Expertise in working with **Transformer model and Building Power play cube.**
* Extensive experience in **SQL Server, Oracle, and DB2** for building and implementing data warehouse.
* Extensive experience on **Cognos8/10 and Report net** with respect to Deployment, Content Administration, Users and User Class Creation, and Scheduling of Reports.
* Creating and managing agents that monitor data and perform tasks when the data meets predefined thresholds using **Event Studio 8.4** and sending the email report output to the User community in a daily basis.
* Expertise in **Migrating** Cognos Impromptu Series to Cognos Business Intelligence.
* Strong knowledge in the area of Cognos **Architecture and Administration**.
* Good understanding of SDLC including **design, coding, testing and implementation**.
* Excellent **communication** and **interpersonal skills**. Strong experience in client interaction and **understanding business application**, data flow and data relations.
* Ability to meet deadlines and handle multiple tasks, flexible in work schedules and possess good communication skills.
* Ability to write and maintain **technical documentation** to describe Reports development, logic, coding, testing, changes and corrections.

#### COGNOS CERTIFICATIONS

* IBM Certified Designer - Cognos 10 BI Reports

#### TECHNICAL SKILLS

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| **Cognos Tools** | Cognos **10.x**and Cognos **8.x**(Framework Manager, Report Studio, Query Studio, Analysis Studio, Event Studio, Business Insight, Advanced Business Insight and Transformer), **Cognos Report Net** (Report studio, Query Studio and Framework Manager), **Cognos EP BI series** (Cognos Impromptu, Power Play, Transformer) and Access Manager. |
| **Operating Systems** | Windows (03, 98, NT, 2000, XP, Vista, 7), UNIX |
| **RDBMS** | SQL Server2005, Oracle 9i/10g/11g, DB2 |
| **Data Modeling** | Dimensional Data Modeling, Star Schema Modeling, Snow-Flake Schema Modeling |
| **Programming** | SQL, PL/SQL, Embedded SQL, UNIX Shell Scripting, C, Java, C# HTML 4.0, DHTML |
| **Applications** | MS Office, MS Word, Excel, Visio, PowerPoint, Toad |

#### PROFESSIONAL EXPERIENCE

#### Client: Peoples Natural Gas, Pittsburgh, PA Aug 2014 – Till Date

#### Role: Cognos Admin/Developer

**Responsibilities:**

* Responsible for creating user groups and roles to manage security in Cognos Connection and Access Rights of the reports for the end users.
* Created database, physical, and presentation layers in framework Manager, defining appropriate relationship between query subjects and fact tables.
* Developed the packages in Framework manager and published into the Cognos connection server.
* Modifying the existed report based upon the changes requested by end users.
* Developed multi-dimensional cubes using Power Play Transformer and imported them into Framework

Manager, created packages and published cube data to open in Report Studio and Analysis Studio for Reporting and Analysis.

* Created analysis studio reports with context filters, and uses hide, suppress rows/columns property for better analysis and performance.
* Created crosstab reports in report studio by joining different packages into single union query, uses filters, date prompt page.
* Created list reports in report studio, and used these reports as data source in powerplay transformer.
* Responsible for any admin related issues and server maintenances.
* Responsible for running month end reporting jobs using Cognos connection.
* Prepared Cognos training documents for end users.

**Environment:**Cognos 10.2 (Report Studio, Query Studio, Framework Manager, Analysis Studio), Powerplay Transformer SQL Server 2008, Windows Server.

#### Client: UPMC Health Plan, Pittsburgh, PA Oct 2012 – Jul 2014

**Role: Sr. Cognos Developer**

**Responsibilities:**

* Interacted with business analyst to gather **business requirements**.
* Involved in **designing functional** documentation.
* Created **Technical design document** for Report studio reports based on Functional specifications.
* Performing Report Rationalization during requirement gathering.
* Worked in**Framework Manager** to develop (business logic by creating prompts, folders, calculated columns, joins

and naming convention) and deployed packages to the Cognos Connection.

* Used **Dimensional modeling (DMR) and Relational modeling** techniques to develop Framework Manager Models.
* Created **Database Layer, Intermediate layer and Presentation Layer**, defining appropriate relationship between

query subjects and Fact Table in Framework Manager.

* Worked with user profiles to **ensure security** by restricting user access to data based on the individual user.
* Worked onPage explorer, query explorer, and condition explorers were used to manage the content of the reports in Report Studio.
* Developed **dashboards** comprising of **list reports, cross-tab reports and chart reports** using filters, calculations, complex expressions, and conditional formatting.
* Developed **Multi-page reports, Drill through, and master-detail reports** using Report Studio.
* Created **list page headers** and **sub headers**to lists using block in report studio list reports.
* Created **Table of contents page** in report studio to develop the report in PDF format and provides **drill through operations** to respective content entries were used to navigate through reports instantly.
* Used table properties like **merging** selected cells and **splitting** the merging cells, and **group** or **ungroup** selected data for lists in report studio.
* Worked on **query join logic**, various types of **prompts** like value prompt, search & select prompt, Text Box prompt and Date & Time prompt.
* Worked on **layout component** reference in page header, page footer and prompt page for uniformity across the reports.
* Developed **Burst Options**suchas **Report Bursting** to make the report available for bursting on basis of burst groups and burst recipients in report studio.
* S**chedules**the report for monthly as per client's requirementand **burst** the reports to **directory entries**in PDF format, and also sends**e-mail notification**to particular recipients in Cognos Connection.
* Applied **Security**for individual reports in **Cognos Connection**to respective users only.
* Used **Cognos Scheduler** to update a report for specific or recurring times and dates.
* Strong knowledge with writing **SQL** for fine performance, and to resolve the reports complexity and also report **testing** before moving to UAT, and production.
* Uploaded and downloaded project related files from the **SharePoint** team portal.
* Involved in **Cognos administration**, deployment (DEV, UAT, PROD environment) and **production support**.

**Environment:**Cognos 10.1 (Report Studio, Framework Manager, Analysis Studio, Business Insight and Business Insight Advanced), Oracle 11g, Toad, SQL.

#### Client: FedEx, Memphis, TN Feb 2012–Sep 2012

**Role: Sr.Cognos Developer**

**Responsibilities:**

* Interacted with business analyst and end user to gather **business requirements**.
* Involved in **designing functional** documentation.
* Created **Technical design document** for Report studio reports based on Functional specifications.
* Performing Report Rationalization during requirement gathering.
* Worked in**Framework Manager** to develop (business logic by creating prompts, folders, calculated columns, joins and naming convention) and deployed packages to the Cognos Connection.
* Used **Dimensional modeling (DMR) and Relational modeling** techniques to develop Framework ManagerModels.
* Created **Database Layer, Intermediate layer and Presentation Layer**, defining appropriate relationship between

query subjects and Fact Table in Framework Manager.

* Developed detailed and summary reports using Cognos Report Studio.
* Developed **List, cross tab, drill through, master-detail, chart and complex reports,**this involved Multiple

Prompts, Conditional formatting, Conditional blocks in Report Studio.

* Created **Dashboards**(Combination oflist reports, cross-tab reports, chart reports and Drill through) using

underlying multiple query structure by using **filters, calculations, complex expressions, conditional format.**

* Involved in setting up Hierarchies, performing **Drill Up and Drill Down** reports and **Slice & Dice** operations and

creating Cross Tab Reports.

* Developed reports using different Joins, Unions, complex display logics using different variables and customized the reports by applying **filters, calculations, conditions, prompts (text box, tree, value, date) and Cascading Prompts in Report Studio**.
* Created Ad-hoc Reports using **Query Studio**.
* Used **Cognos Connection for scheduling and bursting reports** across the Business segments and providing

additional security to publish cubes as well as reports.

* Created various IQD in **Framework Manager** and from this IQD’s as source, integrated to **Power Play Transformer**

to create various models and build cubes.

* Design and creation of **Multi Dimensional Cubes using Transformer**, so that all key performance indicators can be

analyzed.

* Publishing the Cubes to **Cognos Connection** to be used for multidimensional analysis.
* Developing **AnalysisStudio** views of analysis from dimensional modeled packages and made the reports using

them in **Analysis** studio.

* Assisted **Quality Assurance** Team in documenting and analyzing their current process and then make recommendations for improvements in their functional areas.
* Preparation of **Cognos Training**presentation for end users.

**Environment:**Cognos 10 (Query Studio, Report Studio, Framework Manager, Analysis Studio, Business Insight and Event Studio), Powerplay Transformer, SQL Server 2005, Windows Server.

#### Client: MD Anderson, Houston, TX Jan 2011 - Jan 2012

**Role: Cognos Developer**

**Responsibilities:**

* Analyzing the specifications provided by the clients and Developing specification documents for reports as per client requirements
* Created **User groups** and **roles** to manage **security** in Cognos Connection and **Access Rights** of the Reports for theend users.
* **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 and fact tables.
* Developed FM Model against **Star, Snowflake and Fact Constellation Data Models**.
* Created metadata models, Joins, filters and calculations in packages, organized Folders according to the Business view and published the packages using Framework Manager onto Cognos Connection and created the store procedure.
* Created Lists, Grouped Crosstab, and Reports with calculated fields **and Conditional Formatting, Conditional Page layout, Sections, page Breaks, sorting, summaries, grouping, Drill Down, Drill Up).**
* Applied grouping and associated the data with group functionality, Performed aggregate functions on calculations in report studio.
* Developed prompts with report pick list and generated the current information by applying proper filter condition.
* Created **Models** using Power Play Transformer using various data sources.
* Creating the **Cubes** based on the requirements and creating the **drill through reports** forthe cubes and provided training to the end users.
* Modifying the existing report based upon the changes requested by the users.
* Scheduled to trigger reports based on an event using **Event Studio**.
* Developed **Ad-hoc reports** using **Query studio**.
* Developed **OLAP multi-dimensional cubes** using **Power Play Transformer** and imported them into Framework Manager, created packages and published cube data to open in Report Studio and Analysis Studio for Reporting and Analysis.
* Updated Stored procedures, Database views as per user requirements.
* Trained the end users to effectively use the reporting tool to build and customize their ad-hoc reports.
* Created **documentation** for the complete project life cycle and mentored the End Users and Provided the Technical Support.

**Environment:**Cognos 8.4 (Report Studio, Query Studio, Framework Manager, Event Studio and Power Play Transformer),Windows NT,Oracle 9i, Toad, PL/SQL, MS Access.

#### Client: AT&T, Irving, TX Jan 2010 – Dec 2010

**Role: Cognos Developer**

**Responsibilities:**

* Built Framework Manager Model, and established the cardinalities to suit the business needs. Implemented security for Data access, Object level access and Package access.
* Effectively communicated with Business Analysts to resolve design action items. Involved in providing both business and technical expertise in the requirements gathering, report design, report development, and support of all client/server layers and components of the data warehouse.
* Created Materialized views to aggregate data at the lowest level for faster cube build times.
* Responsible for creating User groups and roles to manage security in Cognos Connection and Access Rights of the

Reports for the end users.

* Designed and Developed summary and detail reports which involves the key functionalities of the report studio

like conditional blocks, conditional layouts.

* Designed and Developed reports which involve drill down, drill up and drill through functionalities in report

studio.

* Supplemented regular prompts, cascading prompts, filters, Conditional style, static headers, Drill Through, sub

queries to add interactivity for users in Report Studio.

* Carried out UAT by developing test scenarios, test cases, test data to be used in testing based on business and

user requirements, technical specifications and/or product knowledge.

* Bursting Reports based on groups of users & Preferences for our Asian and European partners.
* Designing the Power play Transformer Models and publishing the cubes for the business users to analyze data.
* Creating Analyses from the published cubes using Analysis Studio as per the Business needs.
* Creating the scripts for the automation of cube building and publishing
* Tested and improved Report Performance through query optimization.

**Environment:**Cognos 8.1 (Report Studio, Query Studio, Framework Manager and Power Play Transformer),Windows NT,Oracle 9i, Toad, PL/SQL, MS Access.

#### Client: AmerisourceBergen, Frisco, TX Feb 2008 – Dec 2009

**Role: Cognos Developer**

**Responsibilities:**

* Created Impromptu Catalog by adding tables and data files, & creating new joins.
* Created Prompts, Calculations, Conditions & Filters and creating New Jobs using Impromptu Administrator.
* Created Models by using various data sources in Power Play Transformer.
* Created User Classes and Users in Access manager and provided the user credentials.
* Created extremely big OLAP cubes.
* Used Power Play Enterprise Server to publish the cubes and Impromptu reports to the Upfront.
* Build Transformer models using Cognos 7 series.
* Create catalogs and reports in Cognos Impromptu, design the cubes using Power play Transformer and build &

testing of power play cubes.

* Publish reports on Cognos Upfront and create users, user classes, user groups and grant permissions using Access

Manager Administration

* Develop new Unix Scripts for enhancement to existing system using detailed design documents.
* Migrated the Impromptu catalogs from Cognos 7.3 to Cognos 8.
* Create simple list, grouped list, cross tab, grouped cross tab reports by using report studio
* Create simple, complex reports using Cognos Report Studio
* Create reports using report studio with multiple charts and reports
* Create relational, OLAP models in Framework Manager and publish the packages
* Involved in creating the IQD.
* Designed the transformer model by identifying the dimension, hierarchy and the measures.
* Implemented Drill through from Analysis Studio to Report Studio.
* Prepared the following business/technical writing of requirements, design, templates, development standards

documents and detailed design documents.

* Prepare Quality Documents and also give project induction and knowledge transition to new joiners.
* Involved in performance tuning of Cognos reports by tuning the SQL.

**Environment:** Cognos 7 (Impromptu, Transformer, PPES Administrator, Impromptu Web Report Administrator), Cognos 8.1 (Framework Manager, Query Studio, Report Studio, Analysis Studio), Oracle 9i

#### Client: Provide Commerce, San Diego, CA. Jun 2007 – Jan 2008

**Role: Cognos Developer**

**Responsibilities:**

* Involved in Installation & configuration of Cognos Impromptu, IWR and Access Manager.
* Created Catalogs to meet the reports requirements.
* Interacted with end Users to identify key Dimensions and Measures and Levels. Created Power Cubes.
* Created the calculations, conditions, and prompts, organized the folders, set up user classes and Security.
* Involved in design, development and maintenance of catalogs, created Impromptu reports and IQDs using

Impromptu Administrator.

* Created standard and Ad hoc reports using Cognos Impromptu tools querying databases.
* Created the various business reports - Simple, Group, Cross Tab, and Drill down.
* Created and maintained News boxes using Cognos Upfront.
* Published Impromptu Reports in the Web using Cognos Server Administration tool
* Created Multidimensional Models & Cubes from IQD, MS Access, MS Excel, Crosstab, Flat Files.
* Deployed the Power Cubes on Cognos Power Play Enterprise Server.
* Created multiple layer reports providing a comprehensive and detail report with Drill through facility
* Generated Nested Categories and Revenue Statements, Business Mix Reports, Changing filters, layers and

measures, Sorting, Ranking, etc.

* Created user classes and users using Access Manager.

**Environment:**Cognos Impromptu, Cognos Transformer, Cognos Power Play, Cognos PPES Administrator, Cognos Impromptu Web Report Administrator and Oracle 9i