**Dinesh Chandra Somuri**

**PROFESSIONALSUMMARY:**

* 7+ years of experience in IT industry performing **software development life cycle**, design and implementation with major focus on Business Intelligence and Data Warehousing solutions. Expertise in analyzing the **Business Intelligence** needs of the enterprise and building the enterprise reporting architecture.
* Expertise in utilizing **Cognos B**I tools such as **Report Studio, Query Studio, Analysis Studio, Framework Manager and Metric Studio** for developing end to end BI solutions that includes **reports, dashboards, security** and **infrastructure**.
* Expertise in designing complex Reports and Dashboard (List reports, Cross-tab reports, Chart reports, Drill through reports and prompts) with multiple data sources.
* Extensively worked on Power Play Transformer for Data Modeling of the corporate data for building up of **Multidimensional Cubes.**
* Strong experience in Dimensional Data modeling to create **Star Schema**.
* Expertise in building **models** and **publishing packages** in **FrameworkManager** to the **BIserver**.
* Extensively experience in **User Testing and Unit Testing**.
* Experienced in writing **SQL, T-SQL, PL/SQL Packages, Stored procedures, Functions, Triggers, Cursors** as per the business needs.
* Expertise in data modeling methodologies such as relational and dimensional. Extensive experience in utilizing data sources housed in various databases such as Oracle 8i/9i/10g, SQL Server 2005/2008/2012 and IBM DB2.
* Experience in information system life cycle management, including design, testing and implementation and ongoing production support.
* Provided extensive **End User Training** and **Support**.
* Strong analytical, leadership qualities and problem solving capabilities.

**TECHNICAL SKILLS:**

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| --- | --- |
| Reporting Tools | Cognos 10, Cognos 8.X, Framework Manager, Report Studio, Query Studio, Analysis Studio, Event Studio, Business Insight, Business Insight Advanced, Metric Studio, Power Play Transformer, Power Play Enterprise server, Access Manager. |
| Databases | SQL Server 2005/2008/2012, Oracle 8i/9i/10g, IBM DB2, MS Access |
| Web servers | Internet Information Server (IIS), Apache Web Server (AWS). |
| Languages | SQL, PL/SQL, T-SQL, C, HTML |
| Operating Systems | Windows 2003 Server, Windows XP, UNIX |

**EDUCATION:**

Bachelor of Technology in Engineering (B.Tech, Acharya Nagarjuna University, India)

**WORK EXPERIENCE:**

**American Eagle PA Feb ’12 – Present**

**Cognos Developer**

**Overview:** American Eagle Outfitters a leading lifestyle retailer in North America, has standardized on a Cognos business intelligence (BI) solution implemented by Cognos Pinnacle Partner John Daniel Associates. Cognosthe world leader in BI and performance management gives American Eagle Outfitters (AE) employees unprecedented insight into business data, with the ability to monitor and measure critical key performance indicators (KPIs).

**Task Accomplished/Deliverables:**

* Worked closely with business analysts and end users to analyze the business process and user requirements to cater their needs for reports and multidimensional cubes.
* Participated in meetings amongst functional analysts, developers and database administrators to ensure database designs provides appropriate levels of accuracy, flexibility, performance, and customer satisfaction as required by business rules and end-user agreements.
* Developed **relational** and **DMR models** 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.
* Created hierarchies, levels, and members for **DMR functionality** using Framework Manager.
* Created simple and **Ad hoc** reports using **Query studio**.
* Developed **list reports, cross tab reports, chart reports, reports with multiple prompts, cascading prompts and Filters** using Report Studio.
* Created **complex reports-dashboard reports, Conditional blocks, master detail reports, drill through reports, and burst reports** using **Report Studio**.
* Used features like **HTML, Rendering Variables, Prompts, Cascading prompts, Conditional Formatting and Style Formatting**.
* Created **IQD** files in Framework Manager to be used in **Power Play Transformer** for creating

**Multidimensional cubes.**

* Generated multidimensional Cube for **OLAP functionality** in **Transformer** published to Cognos connection and analyzed the data using **Analysis studio**.
* Worked on Analysis, development, implementation, Support and Maintenance of OLAP Reports.
* Used **Cognos Connection** for organizing, **security, scheduling** and **distributing reports**.
* Performed **optimization** on the existing reports to decrease the run time to meet the real time requirements and made changes to the existing reports for good look and feel for the users.
* Performed **user acceptance tests** and made sure that each report is approved.
* Designed the Cognos Connection portal according to user specifications.
* Closely worked with **Informatica** team to design data marts by understanding user requirements and increasing the reporting efficiency.
* Documented all requirements document, technical document, Unit Test process document and User’s approval documents and preserved them in SharePoint/Shared drive for use by others and for future references.
* Did Troubleshooting on administrative issues, reporting issues, and resolving user’s problems.

**Environment:**Cognos10.1 (Report Studio, Business Insight, Business Insight Advanced, Query Studio, Analysis Studio, Event Studio, Framework Manager, Transformer), SQL Server 2008 database.

**Corinthian Colleges Inc, CA**

**Cognos Developer Nov ’11 – Jan ‘12**

**Overview:** Corinthian Colleges, Inc is one of the largest non-profit, post-secondary education companies in North America, with more than 112,000 students at over 100 campuses within the United States and Canada. They offer short-term diploma and/or degree programs in a variety of popular career fields. One of their most popular programs is Medical Assisting. Implementation of the IBM Cognos BI allowed Corinthian Colleges Inc to monitor student headcount and performance, program outcomes, school reputation, national agendas and other KPIs.

**Task Accomplished/Deliverables:**

* Collected, documented and analyzed requirements from the business users.
* Interacted with business users to identify key **Dimensions, Measures** and **report layouts**.
* Maintained and optimized metadata models using **Framework Manager**. Added additional metadata in to existing models, established relationship to support the requirements.
* Created **Dashboards, Scorecards, complex reports** using **Report Studio.**
* Created **Master detail reports** using report studio.
* Worked on **bursting reports** for the web users or email users or to directories.
* Involved in **Performance Tuning** of these reports in Report Studio.
* Upgraded existing reports and models from **Cognos 8.2**to **Cognos 10.1**.
* Performed **unit testing** for all the **upgraded reports** and the Cognos connection portal.
* Involved in customizing **Cognos Connection portal.**
* Performed **scheduling** and **maintenance** of reports using **Cognos Connection**.
* Generated reports, dashboards using **Business Insight**.
* Trained Users to get familiarized with the Cognos tools and provided User guides.

**Environment:** Cognos 10.1 (Report Studio, Business Insight, Business Insight Advanced, Query Studio, Analysis Studio, Event Studio, Framework Manager), SQL Server 2008 database (SQL, T-SQL).

**Lexmark International Inc, KY Mar ’10 – Oct ‘11**

**Cognos Developer**

**Overview:**

Lexmark International Incis an American corporation which develops and manufactures printing and imaging products, including laser and inkjet printers, multifunction products, printing supplies, and services for business and individual consumers. Lexmark has offices throughout North and South America, Asia, Africa and Europe. The company has more than 13,000 employees worldwide. Implementation of the IBM Cognos BI allowed Lexmark International Inc to have widespread, real-time access to financial, payroll and customer data from a single Web portal.

**Task Accomplished/Deliverables:**

* Interacted with business users to identify key **Dimensions**, **Measures** and **report layouts**.
* Generated 40 plus canned reports using Cognos Report studio. This included sophisticated reports and dashboards.
* Worked on **Business Insight** to build dashboards according to client requirements.
* Generated reports from **multi-dimensional cube** using **Analysis Studio**.
* Design and develop query models that support their tactical and strategic reporting needs.
* Built **models**, develop **packages** using multi data source in **Framework Manager**.
* Generated **ad hoc** reports using **Query studio** according to the business users requirements.
* Involved in migrating Cognos from version **8.4 to** version**10.1.**
* Involved in user training to familiarize end users the new reporting environment.
* It is taken care that all **deliverables** are on time and meet the requirements.

**Environment:** Cognos 10.1/8.4 (Report Studio, Business Insight, Business Insight Advanced, Query Studio, Analysis Studio, Event Studio, Framework Manager, Transformer), Oracle.

**Baylor HealthCare System, TX Sept ’08 – Jan ‘10**

**Cognos Developer**

**Overview:** Baylor Health Care System Inc. operates as a not-for-profit health care provider in Texas. The company operates a network of hospitals, primary care and specialty care centers, rehabilitation clinics, senior health centers, day surgery centers, fitness and wellness centers, imaging centers, and ambulatory surgery centers.It has locations in Dallas, Fort Worth, Frisco, Garland, Grapevine, Irving, McKinney, Plano, and Waxahachie, Texas. Baylor HealthCare System utilizes IBM Cognos software to ensure claims are paid in a timely manner and that operations remain compliant with regulations.IBM Cognos software also allowed Baylor to create dashboards that display outcomes that show seasonal patterns.

**Task Accomplished/Deliverables:**

* Gathered and analyzed the end users business requirements.
* Designed models, published packages using **Framework Manager** with various data sources.
* Developed technical specifications and delivered efficient Business Intelligence solutions.
* Used Dimensional modeling and **Star Schema/Snow-flake schema** modeling techniques to develop models.
* Designed reports using most of the Report studio features (**Conditional formatting, Filters, page breaks, Master-detail, Drill through, Drill down, Drill up**).
* Used **Cognos Transformer** to build multidimensional cubes.
* Generated reports from **multi-dimensional cube** using Analysis Studio.
* Created **scorecard reports**, **metrics**, and dashboard reports using **Metric studio**
* Created **star schema** based **data models** using framework manager in Cognos and added security to the packages.
* Worked on **Performance tuning** for the existing reports in Report Studio and improved Report Performance and performed Query optimization.
* Involved in building the **Cubes and optimizing** the cube creation.
* Submitted issues **in Quality Center** and Regularly Checking the Status of the issue
* Tested all the reports with Generated **SQL** and Manual SQL data.
* Created the business requirement and technical specification documentation for Reports.

**Environment:** Cognos 8.4/8.3 (Report Studio, Query Studio, Analysis Studio, Metric Studio, Event Studio, Framework Manager, Power Play Transformer), Cognos Configuration, SQL Server 2005, Oracle 9i/10g(SQL, PL/SQL), SSIS.

**Barr Pharmaceuticals Inc, OH May ’07 – July ‘08**

**Cognos Developer**

**Overview:** Barr Pharmaceuticals, Inc. is engaged in the development, manufacture and marketing of generic and proprietary pharmaceuticals. Barr has manufacturing, warehouse, and administrative facilities in Cincinnati. Cognos Business Intelligence combines operational and financial data from across the organization into a single, seamless source of information for reporting, analysis, dashboards and scorecards to drive better business decisions**.**

**Task Accomplished/Deliverables:**

* Responsible for **gathering/refining requirements** from the client for developing reports.
* **Installing** and **configuring** all the Cognos 8BI Components, Access Manager, Query Studio, Report Studio, Analysis Studio and LDAP directory server.
* Developed **list, cross tab, charts,** and **dashboards** and **burst reports** via emails using Report Studio.
* Created filters, prompts, Exception highlighting and calculations in Report Studio.
* Used Indexing and partitioning mechanisms for the faster retrieval of data. Created Pass-through queries for improving the performance of slow running reports.
* Worked on Report Queries that has issues in generating **SQL/MDX**.
* Unit tested the reports.
* Developed **Prompt Pages** and **Cascaded input Prompts** to display only the selected entrees in the report.
* Created **Value Prompt**, **Text box Prompt**, **Select & search Prompt**, **Date & Time Prompt**, **Tree Prompt.**
* **Updated** and **maintained** all **cubes** using **batch** files.
* Created the **Notifications and Alerts** for the Reports using **Event Studio.**
* Widely used Toad/SQL PLUS and Query Studio for trouble shooting and testing the data level errors and cross-checking values by using SQL queries.
* Created Ad hoc reports using Analysis Studio.
* Customized the **Cognos Connection portal** as per the requirement.
* Tested and improved Report Performance.
* Involved in creating and scheduling batch jobs to execute long running reports.
* Created **Packages** using **Framework Manager** (Star schema based data models) from various data source like Oracle, MS Access, SQL Server 2005 and Power Cubes.
* Created Multi-Dimensional reports using **PowerPlay cubes**.
* Have knowledge in Performance Management like Tracking the KPIs. Generated **scorecards** using Metric studio.
* Involved in **Performance tuning** and enhancement of Reporting systems.
* Performance tuning of PowerPlay cubes for faster refresh.
* Worked with data modelers, and business analysts to ensure the BI functional infrastructure meets the design and delivery needs of projects.

**Environment:** Cognos 8.3/8.2 (Framework Manager, Report Studio, Query Studio, Analysis Studio, Event Studio, Metric Studio, PowerPlay Transformer), Oracle 9i/10g, SQL Server 2005, Informatica, PL/SQL, SQL \*Loader, TOAD.

**Quinnox Consultancy Services Ltd, India Apr ’06 – Mar ‘07**

**Cognos Developer**

**Task Accomplished/Deliverables:**

* **Installed** and **configured** all the **8BI Components Access Manager**, **Framework Manager**, **Analysis Studio**, **Event Studio**, **Query Studio**, **Report Studio, Upfront, LDAP** directory server
* Created **several parameter maps, calculations and relationships** in Framework Manager.
* Created complex and dashboard Reports. Worked with **Prompts, conditions, filters and calculations**.
* **Trained professional authors** to write reports using **Report Studio** and trained users to use **Query Studio**.
* **Scheduling and distributing Ad hoc** reports by email
* **Administered Impromptu** to Limit retrieval of large text items; limit the number of records to control the number of rows a user can retrieve for different User Classes.
* Created **IQD packages** in **FM** and integrated to **PP Transformer** to create models and **cubes**.
* Developed **Power play** reports like variance reports and exception reports.
* **Troubleshoot** and evaluated report effectiveness by **tuning** query data’s and controlling user access.
* Defined, created, maintained and published **power cube**
* **Involved in Migrating Cognos series 7.3 to Cognos BI 8.2**
* Created Impromptu Reports, published on the web using **IWR**.
* Involved in **testing and improving report performance**.
* **Catalogs and reports** using Impromptu Administrator and designed **Power Play models** using Transformer.
* Created **Drill-Thru, Dashboard reports, and Master detail and Chart reports**.
* Created **special categories and secured Power Play models** using Power Play Transformer.
* Tuned the **Impromptu/IWR reports and Power Play** cubes.

**Environment:** Cognos 8.2(Frame Work Manager, Report Studio, Query Studio, Analysis Studio), ReportNet 1.0 (FM, Report Studio, Query Studio), Impromptu 7.3, Transformer 7.3, SQL Server 2005, Windows Server 2003**.**

**ICICI Bank, India Jun ’05 – Feb ‘06**

**Oracle Developer**

**Task Accomplished/Deliverables:**

* Developed and documented business and validation rules.
* Developed PL/SQL packages for Customer tracking, bank statements, credit cards issued and generate credit bills monthly etc.,
* Designed the application using **PL/SQL Procedures, Functions, Triggers and Packages**.
* Used **SQL \*Loader** to populate the data into intermediate staging table.
* Used Explain Plan, Analyze table utilities to tune large and time taking SQL statements to increase the performance of the system.
* Developed various reports on Bank statements, loan management etc.,
* Documented the design, testing and help process.

**Environment:** Oracle 9i, SQL, PL/SQL, SQL \*Loader, UNIX, AIX, UNIX Shell Scripting.