HEMANTH KUMAR

Sr SAP Business Objects Consultant

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**Professional Summary**

* **Around 8 years** of IT experience in the field of **Application Development**, **Data Warehousing** and **Business Intelligence**.
* Extensive experience with **Business Objects** as an **OLAP tool** **for designing universes, managing user profiles and building reports.**
* Experience in **gathering business requirements** andprepared **Technical design documentation** for reporting system.
* Excellent knowledge in implementation of **Relational Database (OLTP) and Data warehousing systems (OLAP) and Data Marts**.
* Knowledge on Data modeling using **Dimensional Data Modeling - Star Schema Modeling, Snowflake Modeling.**
* Excellent understanding of **Business Intelligence** and **Data Warehousing** Concepts with emphasis on **ETL** **Tools** of **Informatica, Data Integrator, and Data Services.**
* Experience working with **data modelers** to translate business rules/requirements into conceptual/logical dimensional models and **worked with complex de-normalized data models.**
* Experience in Design and Implementation in **Business Objects 4.0, XIR3/ XIR2/6.5**, **Web Intelligence, Oracle, SQL Server** and **DB2.**
* Experienced in **installation, configuration** and setting up the security from the scratch in the new environment (SAP BO XI3.1).
* Thorough experience with all modules in **BO XIR3 & XIR2** (CMC, CMS, CCM, InfoView, Desktop Intelligence, Web Intelligence, Import Wizard, and Crystal Reports).
* Experience in **migrating** Business Objects 6.5 applications to BO XI R2 and to BO XI3.
* Proficient in **full-client (DESKI)** and **web-based (WEBI)** reportsdevelopment and universe design, installation and server administration, troubleshooting, scheduling, publishing and security.
* Implemented **row level security and also access security** using manage access restrictions.
* Worked with **Microsoft Live Office,** Query as a Web Service **(QAAWS)** in creating analyticsand dashboards.
* Proficient with **RDBMS** like **SQL Server 2008/2005/2000, Oracle 11g/10g/9i/6.5.1** and **Teradata 11/v2r6/v2r5**
* Involved in **performance tuning** of slow running reports.
* Proficient in **SQL** and **PL/SQL** programming to develop Stored Procedures/Functions, Packages and triggers
* Excellent **Inter-personal Communication, problem solving skills.**
* Experience in **Business Requirements Analysis** and **Documentation**.

**Skill Set:**

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| --- | --- |
| **Reporting Tools** | SAP Business Objects 4.0, XIR3,XIR2 , 6.5.1 with CMC, CMS, Desktop Intelligence, InfoView, Web Intelligence XI, Rich Client XI3.1, SAP BI 7.0/BW 3.5, Voyager, QWAAS ,Dashboard Manager, Crystal Reports 2008/XI , Xcelsius 2008. |
| **ETL** | Business Objects Data Services 3.2/3.1, Data Integrator 11.7/11.5, Informatica 8.6/8.1/7.1 |
| **Data Modeling** | MS Visio, Erwin 7.0 |
| **RDBMS** | Oracle 11g/10g/9i, MS SQL Server 2008/2005, DB2, MS-Access, Teradata V2R6/R5 |
| **Languages** | SQL, PL/SQL, Unix Shell Scripting, HTML, Java Script |
| **Operating Systems** | Windows, UNIX |
| **Other Tools** | MS Project, Rational Rose, MS Visual Studio 2008/2005, Visual Basic, Adobe Dreamweaver CS3, Microsoft Office Live |

**Education**

Bachelors Degree in Computer Science and Engineering from JNTU (INDIA).

**Professional Summary**

**End Client: - Vantiv – Cincinnati**

**Project: - Payment Processing**

**Implementing Client: - Lucrum**

**Duration: - August 2013 – Present**

**Team Size: - 8**

**Role: - Sr Business Objects Consultant**

*Vantiv, Inc. is a payment processing and technology solutions provider. Vantiv is the largest PIN Debit U.S. acquirer and third largest U.S. merchant transaction acquirer ranked by general purpose transaction volume.*

*Vantiv's core products are debit, credit, prepaid, check, mobile services, compliance, fraud and data security, loyalty programs, payment terminals and gateways, and advisory services.*

**Responsibilities:**

* Gathered, analyzed and documented Business requirements, clarified Business rules, functional requirements and data specifications for Business Objects universes and reports.
* Involved in Writing Detailed Level Documentation for reports and Universe design.
* Resolved loops by creating alias and contexts to remove the cyclic dependencies between the tables.
* Resolving join path Problems like **‘Chasm Trap’ and ‘Fan Trap’ and loops by creating Context and Aliases**.
* Modified Universes with pre-calculated aggregates from summary tables.
* Created cascading list of values to enable cascading prompting in the reports using Designer.
* Created reports in Web Intelligence for navigating through different levels of hierarchy using Drill up – Drill down functionalities.
* Defined Cascading List of Values in the universe, for better filtering of the data in the reports and thereby improving report performance.
* Developed complex Xcelsius Dashboards for different projects.
* Created reports with Optional Prompts and prompts with some default value.
* Created local variables with complex logics in the reports for calculating the liquidity amounts.
* Created complex formulae in the WebI report to dynamically changing the column that need to be displayed in the table depending on the prompt values.
* Used functionalities like Sections, Breaks in the canned reports for synchronizing data in the report, to ensure the readability of the reports.
* Tested the report data by comparing with the data from the report with the SQL outputs from the database to ensure the quality of reports generated.
* Designed Test cases for **SIT** and **UAT** of **Universe and Canned Reports** for end users.
* Ensured the quality and timely delivery of all the important complex canned reports, and Involved in migration and testing of Objects to PROD environment from DEV through QA environment using Import Wizard.
* Defined templates for the Standard and Adhoc reporting with standard formatting and required logos.
* Ensured the quality and timely delivery of all the important complex canned reports.

**Environment:-** SAP Business Objects BI4.0/ XIR3.1 ( BI Launch pad, CMC, Designer, Web I, Rich Client), Agile, Crystal reports , , BODS, SAP ECC 6.0,SQL Server 2008, Visual SourceSafe, Remedy, Xcelsius 2008.

**End Client: - WellPoint – Richmond**

**Project: - Health Management**

**Implementing Client: - UST-GLOBAL**

**Duration: - Feb 2013 – August 2013**

**Team Size: - 6**

**Role: - Sr Business Objects Consultant**

WellPoint, Inc. was formed when WellPoint Health Networks Inc and Anthems merged in 2004 to become the nation's leading health benefits company.

WellPoint, Inc. is one of the largest health benefits companies in the United States. Through its networks nationwide, the company delivers a number of leading health benefit solutions through a broad portfolio of integrated health care plans and related services, along with a wide range of specialty products such as life and disability insurance benefits, dental, vision, behavioral health benefit services, as well as long term care insurance and flexible spending accounts.

**Responsibilities:**

* Interacted with Business Users and Business Analysts to gather the Requirements and Business logics.
* Involved in constant Requirements gathering and business needs with executives and traders for **Dashboard design and development.**
* Involved in the designing and Building of Universes from data source **Teradata.**
* Extensive work involved on **Designer, Web Intelligence (WebI), Desktop Intelligence (DeskI).**
* Involved in the conversion Project from **DESKI to WEBI** before BO 4.0 Upgrade where conversion involves new Universes.
* Worked on the cleansing of the universe and split universe into 4 different universes.
* Extensively worked on the **Custom SQL code** to simplify it in the new universe for the Custom SQL reports.
* Worked with the **Investment Management Reports using WEBI**, using data from **SAP BI 7.0.**
* Defined and **created Classes, Objects, Users and Conditions**.
* Worked as the **Designer** in designing the **OLAP Universes.**
* Worked with the creation of **Universes,** retrieving data using **Universes** and creating reports using **Business Objects & WebI Tools**.
* Worked with the different features available in the **WEBI tool like Query Filters, Complex Filters, Breaks, Sections, Data tracking, Alerters, Formatting, Formulas & Variables, Synchronizing data etc** for the delivery of the reports, using **Report Conversion tool** to convert the **deski to webi Reports.**
* Worked extensively with the major functionalities of WebI **like Breaks, Sections, Group values, Sorts, List of values (LOV), Pre-defined conditions, Calculations and Ranking.**
* Created complex documents in **WebI** by using multiple data sources, **Input or Output contexts**, **Running sum(),**Hiding with **Alerter, Fold & Unfold**, User Response() Values on Separate Rows, force merge() to Fix unbalanced data providers, Input control.
* Designed of the **WEBI Reports** and performed the analysis of the data by creating the **Drillable reports.**
* Used **Derived tables, Aliases, Contexts** to **solve** the **loops and traps**.
* Created **restriction sets** in the **Universe** by applying restrictions on the SQL, Objects, and Rows etc.., and applied the **Users and Groups**.
* Created cascading list of values to enable cascading prompting in the reports using Designer.
* Worked on the **Meta Data Manager** to check the impacts if join, Object change come up.
* Involved in **Importing/Exporting** the Universes to repository to make it available to the users.
* Designed Universe for Ad-hoc reporting.
* Constantly tested SQL for joins and contexts for new object creation. Using Rapid SQL conducted functional testing in the SQL of existing objects.
* By using **Xcelsius with live office and Qaaws** connections developed executive dashboard with details of On-Board/Hires/Exits, Promotions against benchmark, on board by mgmt. groups, succession management.

**Environment:** SAP Business Objects BI4.0/ XIR3.1 ( BI Launch pad, CMC, Designer, Desk I, Web I, Rich Client), Agile, Crystal reports ,Crystal Enterprise XI, BODS, SAP ECC 6.0,SQL Server 2008, , Visual SourceSafe, HP Quality Center

**Client: - Wells Fargo, Chandler AZ**

**Project: - Securities Growth\Stability Program Reports**

**Duration: - May 2012 – Jan 2013**

**Team Size: - 4**

**Role: - Sr. Business Objects Consultant**

Wells Fargo Technology and Operations Group (TOG) has more than 24,000 TOG team members across the U.S. who delivers technology and operational support that keeps Wells Fargo at the forefront as one of America’s largest diversified financial services companies. The Technology Group manages most of the core technology activities of the company, including computing services, connectivity services, application development, information security, business continuity planning, enterprise business services and information management, infrastructure services, enterprise architecture, monitoring, change control, problem management and technology integration oversight.

**Responsibilities**

* Helped in working with BO multi-server group infrastructure and BO XI project migration across multiple environments.
* Interacted with Business Objects Support team to resolve existing Product BUG fixes.
* Analyze operational performance and make configuration adjustments as necessary.  
  Configured LDAP to sync with the SSO Authentication.
* Managed and configured clusters between the Servers for the failover.
* Used the Import wizard to migrate reports, universe and categories from staging to production servers.
* Worked along with UAT support team in creating and testing of different test cases against the Crystal and Bo reports.
* Created complex canned and Ad-Hoc reports with different data sets to meet the requirements using Web Intelligence.
* Involved in finding out solutions for different problems like overlapping, truncations, multi valued, folder access issues, hard coded restrictions, data visibility.
* Customized reporting home page using java application/Java script for users to run Web Intelligence reports.
* Modified Universes with pre-calculated aggregates from summary tables.
* Generated reports using free-hand SQL, which had complex Business Logics.
* Involved in postproduction Support and gave training to the end users to create **ad-hoc** reports.
* Created full client and **Web Intelligence** reports. Modified the existing by adding new columns based on the result set.
* Created Web Intelligence reports with more than 10 data providers and synchronized the data using the **merge dimensions** option.
* Created **cascading** list of values to enable cascading prompting in the reports using Designer.
* Trained the Business Users in report creation and also new features of Business Objects XI 3.1
* Prepared test cases for the created WEBI and Dashboard reports that incorporate application business rules for QA team to perform testing before rolling to production.
* Worked with Business Objects CMC module in the process of controlling universe and restricting reports.
* Created new Universes specifically designed for creation of Dashboards.
* Created local variables with complex logics in the reports for calculating the metrics in the canned report.
* Created complex formulae in the Web I report to dynamically change the column that need to be displayed in the table depending on the prompt values
* Used advanced functionalities like **Optional prompts, Hyper-linking.**
* Created dashboards for top management using Xcelcius 2008 consisting of store sales and store traffic count.
* Created and Maintained universe for adhoc reporting and Implemented Data and Application level security.
* As a senior SAP BW/ BOBJ consultant worked on multiple BW initiatives.
* Worked onactivating BW **Standard Business Content** extractors (Inventory Management) and Info Cubes (Inventory Management).
* Developed Bex Query on top of the Business Object Universe and created web intelligence reports Using store sales data.

**Environment:** Business Objects XI R3.1, Xcelsius 2008, SQL Server2008, SAP ECC 6.0, Universe Designer, Web Intelligence XI r3, BODS, MS Office 2003, MS Project 2007, Windows XP.

**Client: - Fossil Inc., Dallas TX**

**Project: - Sales Reporting**

**Duration: - May 2010 - April 2012**

**Team Size: - 4**

**Role: - Sr. Business Objects Consultant**

Fossil, Inc., together with its subsidiaries, engages in the design, development, marketing, and distribution of consumer fashion accessories worldwide. It operates in four segments: North America Wholesale, Europe Wholesale, Asia Pacific Wholesale, and Direct to Consumer.  As of December 29, 2012, it owned and operated 131 retail stores and 95 outlet stores located in the United States, as well as 185 retail stores and 62 outlet stores internationally. The company was founded in 1984 and is headquartered in Richardson, Texas.

**Responsibilities:**

* Interacted with Business Analysts, Business Users and other Key Stake Holders in **gathering Business Requirements** and prepared Technical design documentation for reporting system.
* Involved in SAP Business Objects XI3.1 installation/configuration/implementation and support in a Windows 2008 environment, IIS/TomCat, Oracle 10g, and SQL Server 2008.
* Extensively used **Import Wizard** to migrate content from XIR2 to XI3.1 and also content from Development, QA to Production and maintained versions control using Life Cycle Manager
* Worked as SAP Business Objects Platform support to work on day to day issues and also involved in communicating with other application teams to maintain platform stability.
* Published Reports to CMC (**Central Management Console**) and involved in **Scheduling** and **exporting** the reports in different Formats.
* **Created new Universes** to build reports in **Webi** and crystal and modified the existing Universes for performance in SAP Business Objects XI 3.1.
* Used **aggregate awareness, short-cut join,** **@ functions**, **Derived Tables** at Universe Level for **Query performance Enhancement.**
* Designed **cascading prompts** in the universe to filter the names based on business units and implemented the Object level and row level securities in the Universe.
* Resolved loops and traps **using aliases** and **contexts**. Created complex joins like outer joins and equi-join and theta joins and checked the **integrity of the Universes**.
* Implemented new **security procedures** at Universe for different groups by creating multiple connections to avoid spool space issues in Database.
* Created **Complex Reports** by using **multiple data providers, merge functions, variables, sections, breaks & filters in Webi/Webi rich client and Deski**.
* Developed **Deski & Webi/Webi** **Rich** client reports by using functionalities like Optional prompts, Data Tracking, Custom SQL at Report level and calculation contexts.
* Created **canned** and **Ad-hoc Reports** for Business Users Reporting and worked extensively with offshore team.
* Created **Dashboards** using **Roam BI** and **Xcelsius** by using **drill down, Charts, Score Cards, slice & dice, alerts, Google maps, Dynamic linking.**
* Created, optimized, reviewed, and executed **Teradata** SQL test queries to validate Reporting data
* Trained Business users in creating Adhoc reports and educated how to implement the best standards when creating the reports.

**Environment:** SAP Business Objects XI 3.1 (CMC, Designer, Webi, Web Rich client, Infoview, Auditor, Import Wizard), SAP BI 7.0, Crystal Reports 2008, Data Integrator 11.7,Teradata 11, Oracle 10g, SQL, PL/SQL, Windows XP.

**Client: - Lehigh Hanson, Irving TX**

**Domain: - Finance​**

**Duration: - Sept 2008 – Mar 2010**

**Team Size: - 3**

**Role: - Business Object Developer**

Lehigh Hanson is a part of the Heidelberg cement group, one of the largest building materials manufacturers worldwide.. The Group employs around 52,000 people at about 2,500 locations in more than 40 countries, with hundreds of production sites across the U.S. and Canada, Lehigh Hanson is one of the largest construction materials companies in North America.

**Responsibilities:**

* Interacted with **Business Users, Business Owners** to know their Business views in developing and modifying Universes and Reports accordingly.
* Closely worked with the **ETL teams** and responsible for ETL process in development, test and production landscapes.
* Interpreted logical and physical data models for Business users to determine common data definitions and established **referential integrity** of the system using Erwin.
* Worked as **Dashboard / Performance Manager** for the Net Investment and Interest to analyze the investment return.
* Involved in creation of **Universes, Classes, Objects** and **Hierarchies** for multi-dimensional analysis of database using BusinessObjects XIR2 for technical and sales departments
* **Exported** universes between repositories for access to a wider audience.
* Involved in joining the tables by creating aliases to **resolve the loop**.
* Created master detail reports using drill up and drill down functionalities
* Prepared reports using master detail, cross-tabs, **slice and dice**and **drill mode** as per the requirement of the end-user.
* Tested the aggregate awareness to ensure the query is pulling **correct level of aggregation**.
* Generated the Business Objects reports involving **complex queries**, **sub queries, Unions and Intersection.**
* Built Powerful Queries by creating and applying complex conditions and **sorts, User Objects, LOV’s**, **Combined Queries**, **Free Hand SQL** and Semantically dynamic calculations using context method.
* Worked extensively with **@functions including @aggregate aware, select, prompts** to overcome database integration issues.
* Organized data in the reports by using **Filters, Sorting, Ranking** and highlighted data with **Alerter**
* Used **SQL** against the database to check retrieved data integrity.
* Exported universes to the repository for making resources available to users.
* Was actively involved in **planning, documentation** and **administrative** tasks.

**Environment:** Business Objects XIR2(CMC, CCM, CMS), Web intelligence, Info view, Oracle 10g, MS SQL Server 2000, PL/SQL, Windows 2000/XP Server.

**Client: - Integris Inc, Minneapolis MN**

**Domain: - Finance​**

**Duration: - Jan 2007 – Jul 2008**

**Team Size: - 5**

**My Role: - Business Object Report Developer**

Integris, Inc., doing business as Bull Services Inc., is an information technology services company. It provides a range of business intelligence (BI), consulting, and systems integration solutions, as well as outsourcing, security, and disaster recovery services. Integris’s BI solutions focus on the health and human services, justice and public safety, and tax and treasury markets. The company provides its solutions to state and local government, and commercial sectors. Integris, Inc. was incorporated in 2001 and is based in Billerica, Massachusetts. As of October 17, 2008, Integris, Inc. operates as a subsidiary of OptumInsight.

**Responsibilities:**

* Created the **BusinessObjects Universe** (Interface Layer), **Classes** and **Objects** with the Collections warehouse and DLF System.
* Potential usage of **alias**, **context**, **and joins** concepts to resolve the **loops**.
* Designed **aggregated tables** on the most frequently queried data, and used @aggregate aware functionality in defining dimensions and measures. Setup custom hierarchies for drilldown paths.
* Worked extensively with **@functions** **(@aggregate\_aware, @select, @prompt, @where)** in the creation of dimensions, measures and conditions.
* Developed **Complex Reports** (Used **multiple data providers**, **Union, Intersection, minus** and **Master/Detail, cross tab, Charts**). Worked extensively with the major functionalities of BusinessObjects like **Group By, query prompt, drill filter, and** **Breaks, Sorts, Ranking, Calculation** using the **Slice** and **Dice** panel**.**
* Created user **Prompts**, **conditions** and **Filters** to improve the report generation. Also used **Alerts** to improve the readability of the report.
* Planned the Migration from **BusinessObjects 6.5 to XI R2**.
* Prepared checklist for the migration of BusinessObjects 6.5which included users, user groups, documents, universes and security to BusinessObjects XIR2.
* Implemented **Incremental method** for migration.
* Worked closely with Business groups to ensure correct security was re-established and report formats were corrected after migration.
* Created required restriction sets to maintain the security for the users in Business Objects XI R2.
* Worked with **Dashboard Manger** which provides the ability to create management dashboards, chats which are at-a-glance displays that show the status of business metrics.
* Created complex reports using **multiple data providers** like Oracle, SQL and Excel to extract data and also to Validate.
* **Performance Tuning** of Reports by creating Linked Universes, Joins, Contexts and Aliases for resolving Loops and checked the Integrity of the Universes using Business Objects Designer module during development.
* Regular Production moves after the project got the UAT sign-off involving Universes, reports, groups and categories.
* Ensuring data accuracy, connectivity and format changes if any along with security model after the production move.
* Re-creating/validating the universe connections, report data source information to ensure data is extracted from the correct source.

**Environment:** BusinessObjects XIR2/ 6.5.1, BusinessObjects WEBI, BusinessObjects DESKI, Central Management Console XI (R2), Designer XI (R2)/ 6.5.1, BusinessObjects Enterprise Server XI (R2)/ 6.5.1, Oracle 9i, TOAD 8.5 / 7.4, Windows 2003.

**GEMS Techno India Pvt LTD, Hyderabad, India Feb 2005 – Nov 2006**

**Business Objects Developer**

**Responsibilities:**

* Understanding business requirements and preparing System Requirement Specifications.
* Designed hierarchies in universe for various reports and created user objects with calculations in universe.
* Imported/Exported the Universes from/to repository to make them accessible to end-users.
* Created Universes using @**functions like @select, @where and @prompt** in the process of building the universes.
* Created universes, classes, objects, complex measure objects, prompts, pre-defined conditions.
* Defined Aliases and Contexts to resolve loops in the universes.
* Designed, developed and published the reports using Web Intelligence.
* Created User Conditions and Filters to improve report generation & readability of report and displayed the summary of data by creating Charts.
* Extensively used Calculations, Drill, slice and Dice for generating reports.
* Involved in Designing Sales reports, Submission reports, listing reports.
* Created user Prompts, Conditions and Filters for various reports to specify the reporting parameters as per the business rules and the requirements of the end users.
* Developed Crystal Reports, included Standard Summary, Cross-tab, Charts, Graphs, Drill-down, TOP N reports, Labels with formulas, SQL Expressions, Grouping, Sorting, sub reports, complex formulas, conditional formatting and Parameters.
* Involved in converting existing **Crystal Reports to** **Business Objects** as part of effort to convert to Business Objects
* Involved in the effort to minimizing existing **Crystal Reports**. This effort involved analyzing existing reports and detecting any duplication of functionality.
* Developed several **complex reports (include multiple groupings, drilldowns, parameter fields, formulas and retrieving data from more than one database)** using **Crystal Reports.**
* Developed parameterized reports which utilized formula, nested groups, running totals, summaries, charts and triggered alerts.
* Maintained and Supported Crystal Reports for enhancements, modifications and new reports.
* Extensively used Variables and developed Drilldown Reports, cross tab reports, Parameterized Reports and Formula reports.
* Created Dashboards using Xcelsius.

**Environment:** Business Objects XI/6.x, Crystal Reports, Performance Management, Business Objects Designer, Business Objects Reporter, Dashboards, Web Intelligence, Db2, Oracle 9i, PL/SQL, Windows 2000 Server.