**Sudrshan Bhimireddy**

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Senior SAP BI/BO Consultant

**Summary**

* Around **7 years** of total IT-experience in **SAP Business Objects** with experience in Administration, Designing, Development, Production Support, Application Maintenance and Testing using wide range of reporting systems with **SAP Business Objects BI 4.0, Business Objects XI 3.1/XI R2 & Crystal Reports 2008/2011.**
* Involved in requirement gathering, **gap analysis** and developed functional specifications, technical Specifications and prepared business blueprint documents.
* Expertise in Design, Development and Deployment of BI solutions for **Corporate reporting** requirements and involved in **2** **full life cycle implementation projects** and **1 production support (AMS) project.**
* Extensive knowledge of applications like Web **Intelligence, Desktop Intelligence, Crystal Reports, Dashboard 4.0 (Xcelsius 2008), Universe Designer, Information Design Tool, Central Management Control, Microsoft Live Office, BEx Query Designer, BEx Analyzer**.
* Implemented Business objects on multiple servers performing load balancing and clustering in order to have high availability all the time to the clients.
* Performance monitoring and tuning of the environments to ensure smooth operation.
* Configuration of Business Object processing, job, destination server parameters and performance tuning to achieve a reliable system.
* Developed captivating interactive **Xcelsius Dashboards** using QaaWS, SAP Netweaver BW Connections and Query Browser (BO 4.0) on top of **SAP data sources** as well as on **Non** **SAP sources**.
* Developed highly formatted **Crystal Reports** using options such as Grouping, Sorting, Sub-reports, Formula Fields, Alerts and Field highlighting on top of any data sources.
* Experience in Designing, Testing and Deploying BO Universes. Developing WebI reports with various functions like Input Controls, **Graphs** and **Breaks,** Drill Down & Drill Up, Slice and Dice.
* Worked on creating, organizing, and scheduling reports using **Central Management Console** (CMC), Infoview and BI Launch Pad. Created User profiles, groups and security for BI end-users.
* Hands on experience in **Data-Modeling, Data Extraction, Generic Extraction, Data Loading** (Full / Delta Up-Load), Scheduling, Monitoring, **Info-cube Creation, Info-Source, Multi-Cubes**, ODS object creation. Experience in Background Scheduling and Monitoring of **Data Loads**.
* As part of Information Consumer Layer designed **BEx Reports** providing insight of Business Intelligence for **Business Analyst** for Decision making using Formulas, Selections, Structures, Calculated Key Figure, Restricted Key Figure and Used Variables with User Entry/Default Value, Replacement Path.
* Expert in **BI Testing** process in functional Unit Testing, **Data validation**, System & **Integration testing**.
* End to end Implementation Experience from 3rd party source including SSIS.
* Had a chance to be involved in developing Complex SSRS Reports that involve Sub Reports, Matrix/Tabular Reports, Charts and Graphs.
* Expertise in generating tabula, matrix reports using SSRS.
* Extensive experience in Multi Dimensional Data Modeling, Extended Star-Schema, Data Flow Strategy.
* Accessed Analytic and calculation views from **BO Analysis via ODBC** connection (BOBJ Integration).
* Used Information Design Tool to create Relational Connection, Data Foundation and Business Layer and accessed the data in HANA through **BOBJ Crystal Reports, BOBJ Dashboard Design, BOBJ Web Intelligence (Webi), BO Analysis.** Enabled **BO Explorer** to search data present in HANA
* Good Knowledge of Data Provisioning and replicating data from source system to HANA Database using **SLT, Sybase Replication Server and Business Objects Data Services**. (Trigger based, Log based and ETL).
* Implementation, training and maintenance of client/server Data Warehouse and Data Mart systems in multiple domains.

**Technical Skills:**

**Tools** **:** SAP BO XI R2 / XI R3 / BI 4.0, SAP HANA 1.0 (SP4 & SP5), Universe Designer, Deski, WEBI/WEBI Rich, Info View, SAP BW 7.3 / BI 7.0, BEx Query Designer, Broadcast Agent, CMC Performance Management, Report Conversion tool, Import Wizard, Qlikview V11 SR2, Crystal Reports 2008/2011 and Crystal Reports Enterprise 4.0, IDT 4.0.

**Dashboard Tools :** Dashboard Designer, Xcelsius 2008.

**Reporting :** BEx, WebI, Analysis-Edition for OLAP/ MS Office, Explorer and Live Office.

**Operating Systems** **:** Windows NT/XP/2000/7/Vista, Linux.

**Databases** **:** Oracle 8i/9i/10g, DB2, IDS, and My SQL

**Program Languages** **:** C, C++, Java and .Net, PL/SQL, SQL\*PLUS

**Source Systems** **:** SAP ECC AND CRM.

**Professional Experience**

***Fannie Mae, Washington, DC (Nov 12 – Currently)***

***Senior SAP BO Developer***

**Over view**: Fannie Mae serves the U.S. housing market by providing capital and affordable housing to communities. Get Current project provides data reconciliation and reinstatement of financial results. Fannie Mae has multiple Data Warehouses (RDW, ADW) from which all the reporting has to be done. Fannie Mae uses Business Intelligence tools like Data Integrator, Business Objects, Crystal Reports and Hyperion for Decision Support Systems.

# Responsibilities

* Involved in MM (Purchasing) Business Requirements Gathering, prepared functional Design & technical Design Documents, designed the Purchasing Scenario and activated business content data sources.
* Administered for a while on installation, maintenance, assigning roles and upgrading patches.
* The role involved in building data mart and linking universes and working on reporting tools in order to create different sales reports like purchase orders etc for different clients.
* Involved in the project from project realization phase, testing and go live phases.
* Gathered user requirements for BIBO reports and **Dashboards**. Prepared Business Blueprint Documents (Report Specs) to understand process design and flow.
* Developed SAP Dashboards using **Dashboard 4.0**, on top of SAP BI Queries (Bex Queries) using **SAP Net weaver** BW Connection for KPI representation and to reflect user adoption Metrics at department level for the ease of user.
* Acted as the **dashboard specialist** for Revenue dashboard, Loans and Inventory dashboard.
* Involved in Tuning and server configurations for different environments.
* Involved in Design of data models and data mart constructs.
* Experience in SAP Upgrading: from SAP BO 4.0 to SAP BO 4.1
* Experience in SAP Administration: Maintenance: health checks, patching, scheduled maintenances and systems re-starts, Create and schedule regular backup
* Design & Implementation of Data Mart; DBA coordination; DDL & DML Generation & usage.
* Develop a .net extraction module for SAP query to an MS SQL database for integration, with OLAP cubes for a Business Intelligence application.
* Used the BO tool Analysis Edition for OLAP to reflect the **BI queries** in more viewable and presentable format for analysis of the data.
* Worked on data modeling such as creation of info objects, application components, info areas, data sources, DSO, Cubes, transformations.
* Performed data loading for both full/delta loads by creating Info packages, DTP’s from the source systems to BW targets.
* Design & Development of **IDT universes** with calculated measures and custom filters.
* Designed universes for the data Marts.
* Design, install, and configure system for new implementations, upgrades, and maintenance.
* Manage incidents, including complex troubleshooting across technologies.
* Coordinate configuration, change, release, capacity and availability capabilities.
* Installed and Setup the BI Mobile 4.0 & Explorer.
* Designed “Pricing Defensibility and Pricing Corridor Dashboard Using **Dashboard Designer 4.0** with BICS and as well created user groups for Webi & Crystal report email bursting with user specific data.
* Extensively involved in training users for **Web intelligence, Crystal Reports, and Xcelsius.**
* Created Packages, Schemas (Universes), Attribute Views, Analytical Views, Calculation Views, Analytical Privileges, Functions and also modified the system generated joins.
* Developed jobs to load the Legacy system data into COND\_A04 IDOC (KOMG, KONH, KONP segments) by referencing the SAP AIO SD pricing job.
* Had an internal training in **HANA** **1.0** application for creating Universes on top of **HANA** calculation views and developed the **Webi** reports and **dashboards** using **IDT** (Information design tool).
* Experience working with large volumes of data and being able to build summary tables for the dashboard.
* Closely interacted with business team and **completed the QA testing**, conducted workshops (Trained Business Users how to use Reporting)

**Environment:** SAP BOBI 4.0, Mobil 4.0, HANA 1.0, SAP ECC 6.0, Linux, Ms Office, Visio, MS Outlook, Oracle 10g, SQL Server 2008, BI 7.0, Dashboard Designer.

***Workforce Development, Madison, WI (Feb 12 – Oct 12)***

***Senior SAP BO Developer***

**Over view**: Workforce Development Association (WWDA) is the organization that promotes, enhances, and serves the interests of local workforce investment agencies and system partners in Wisconsin. WWDA represents the eleven Workforce Development Areas who administer the federal Workforce Investment Act (WIA) programs, as well as other federal, State and local workforce development initiatives across Wisconsin. SAP BO is been used to accurate and visual reports to serve the people better, this project even covers all the billing and salary reporting of the state employees.

# Responsibilities

* Worked with Business Managers, Architects and End users in documenting requirements, providing estimates, creating High Level Design and Detail design specifications.
* Extensively worked on **SAP Business Objects BI 4.0 suite** tools like **Information Design Tool (IDT), WebI, WebI Rich Client, BI Launch Pad, Dashboard Designer and QaaWS**.
* Created universes in IDT which facilitated requirements of **adhoc, canned reporting and Dashboards**.
* Created a multisource universe for bringing the data from different sources along with managing and personalising the information spaces for analyzing the financial data using the **BO Explorer**.
* Created the Exploration view sets and exploration views. Scheduled the information spaces for indexing.
* Created Universe using functionalities such as Prompts, Pre-defined conditions; Customized LOV’s, resolved the problem like Chasm Trap, Fan Trap and Loops using Aliases and Contexts, Aggregate Tables, Derived Tables, Index Awareness, Shortcut Joins, Functions, Custom Hierarchies.
* Created Ad-hoc and standard reports using functionalities such as Conditional Formatting, Input Controls, Combined Queries (Union, Intersection, Minus), Alerts, Breaks, Sections, Scope of Analysis, Ranking, Sorting, Formulas, Variables, Merge Dimensions, and used different formatting such as Vertical, Horizontal, Cross tab, Charts etc.
* Resolved Loop Problems by **creating** **alias tables** and checked the integrity, to find join problems and detect keys.
* Preparing detailed Technical Specification for the Dataflow, Data Marts and Reports based on the client requirement.
* Assisted on developing SAP DS which includes Data Warehouse and Data Mart Design
* Designed and created a Financial Dashboard that gives the overall perspective of the financial system.
* Created the Column Charts that provides the comparison of the Planned, Budget Update and Actual data.
* Used the Dynamic visibility functionality of the Dashboard designer and also the **BIWS** from the scheduled WebI reports to improve the performance of the Dashboard.
* Used **Open document** to connect WebI report to Dashboard for drill down purposes.
* Created and implemented the design plan for the data warehouse in the **SQL Server 2008**.
* Created ETL’s for loading the data into the data warehouse using **SSIS packages and scheduled them**.
* Involved in Unit Testing of Reports and validating the Report Data against the source systems.
* Provided technical assistance/support to analysts, business community and responded to inquiries regarding errors, problems, or questions with programs/interfaces.
* Provided training to end users to use various functionalities of Business Objects.

**Environment:** SAP BO BI 4.0,WebI, WebI Rich Client, Information Designer Tool, Dashboard 4.0, BO Explorer, SQL Server 2008, Visual Studio 2008.

***Xerox, Rochester, NY (Nov 10 – Jan 12)***

***SAP BIBO Developer***

**Over view**: Xerox Corporation is a global company engaged in developing, manufacturing, marketing, servicing and financing a complete range of document equipment, software, solutions and services. The company's products include printing and publishing systems, digital multi-function devices and digital copiers, laser and solid ink printers, fax machines, document-management software and supplies. Managers from different departments like order management, sales etc use corporate decision support system to run ad-hoc queries with business objects as a reporting tool. As the business objects system is critical which helps management in taking different decisions, it needs to be monitored and perform different activities to improve the performance of the dashboards and applications.

# Responsibilities

* Interacted with users to gather user requirements and documented them for further reference.
* Interacted with Business Users to know their business needs and effectively develop and modify **Universes** and Reports.
* Implemented System Development Life Cycle (SDLC), Validation and Verification.
* Created **Universes** using Designer component of **SAP BO XI R3.1** and exported it to Infoview for other users to generate reports.
* Analyzed Data using **Slice and Dice** and Drill Mode, etc. and Formatting Reports.
* Created cross-tab reports using **Web Intelligence** by utilizing **prompts**, **alerter** etc and provided Executive Summary report of Managers and representative performances to Directors as dash boards in **Xcelsius** 2008 bound to **Live Office** using prompts.
* Also worked on **QAAWS** to create connections b/w WEBI and Xcelsius Dashboards.
* Generated controlled reports data by working with Universe and queries and used **filters**, **sorts** and **rankings**.
* Brief working knowledge on **Central Management console**.
* Created monthly and summary reports in WebI for the different domains like Finance, Marketing and HR domains. Created WEBI reports & Crystal reports and deployed them through Infoview with **BW BEx** as source.
* Designed and created highly formatted reports using **SAP** **Crystal reports 2008**, like Income Statement.
* Created QAAWS connections using Query as a Web Service client tool from universe on BEx queries with prompts as input values and query results as output values.
* Created Dynamic Dashboards using Xcelsius on top of SAP BI system (**BEx Queries**).
* Dashboard Components like Charts, Selectors (Filters, label Based menus), Tab Sets, Canvas Containers.
* Worked on optimizing the performance of the dashboards. Reduced the dashboard loading time by scheduling the backed source **Webi reports** and by selecting the filter option changing with refresh on trigger option to pick from the latest instance.

**Environment:** SAP BOXI R3.1, SAP BI 7.0, ECC 6.0, Functional Areas: MM (Purchasing), SD.

***Adobe Systems, Arden Hills, MN (May 09 – Oct 10)***

***SAP BIBO Developer***

**Over view**: Adobe Systems role as a leading desktop publishing software provider is well documented. For a better customer service this huge data will be scrutinised, and efficient reports are generated. This course of project includes our team to provide analysis and trends with the reports to various users which included many of the senior executives and higher management.

# Responsibilities

* Participated in project planning to analyze business requirements and outline the proposed solution about the financial system.
* Directly coordinating with user to gather the new requirements and working with existing issues.
* Involved in Data Modeling and SQL server Database.
* Migrated Business Objects from 6.5 to XI R2 Universe designing and establishing BO environment.
* Created Classes and Objects in the universes and prepared financial reports, HR reports, standard and Adhoc reports.
* Created and modified the Crystal Reports for various financial groups using the **Universe** as a main data provider.
* Involved in joining the tables using appropriate cardinalities and created aliases and contexts to resolve the loops in the schema.
* Linked Universes in the Designer to use features of both the universes.
* Created many reports according to the investment deals, facility and outstanding to know the exact amount of net investment in each deal.
* Prepared quarterly, monthly, yearly reports for Net Investment, Incomes, Fees and General Ledger.
* Installed Crystal Xcelsius 2008 SP3 and developed dashboards using various components.
* Prepared Dashboards for the Net Investment and Interest to analyze the return on investment.
* Prepared various other reports using master details, cross-tabs, slice and dice and drill methods as per the specifications provided by the end-user.
* At times converted **Deski Reports** to **Webi** using **Report Conversion Tool.**
* Implemented Security Features like report level, row level, and object level to make the data secure.
* Migration of the Dashboards from crystal xcelsius 4.5 to Xcelsius 2008 and Dashboard designer.
* Used Query as a web service to get the data from the database and created **dashboards in Xcelsius** for the end-users in order to have visualization of data.
* Generated the Business Objects reports involving complex queries, sub queries, Unions and Intersection.
* Created BEX reports using conditions, Filters, Free Characteristics, Calculated Key figures, Restricted Key Figures and Variables.
* Created Universes over BEx queries and Infocubes of SAP BI using Universe Designer.
* Extracted SD data using LO Cockpit tool and customized the data extractors for sales order and deliveries and enhanced them to meet the reporting requirements.
* Performed LO, profitability (CO-PA) and Generic extractions throughout the project.
* Extracted the data using LO Cockpit Extraction from the Data Sources 2LIS\_11\_VAITM, 2LIS\_12\_VCITM, and 2LIS\_13\_VDITM to populate the Custom Infocubes that evaluates quantities and values for sales orders and deliveries.

**Environment:** SAP Business Objects XI R2 / XI R3.1, SAP BI 7.0, Crystal Report 2008, Xcelsius 4.5 / 2008, WebI, Deski, Universe Designer, Oracle 9i, PL/SQL.

***Baker Hughes, Houston, TX (Jul 08 – Apr 09)***

***SAP BO Developer***

**Over view:** Baker Hughes is a leading supplier of oilfield services, products, technology and systems to the worldwide oil and natural gas industry. By being the service company that best anticipates, understands and exceeds our customer expectations, Baker Hughes Advances Reservoir Performance.

# Responsibilities

* Design and Development of Business Objects Universes, which suits the standard, analytical and ad-hoc reporting requirements of the Business Objects users.
* Involved in Installation and Configuration of all Components of Business Objects.
* Involved in setting privileges to different User Groups Coordinating with Supervisor and DBA using Supervisor Module.
* Involved in testing (Users, Universe Reports (FC/Webi) throughout migration process across old system.
* Created Various **Cross Tab** and **Master Detail Reports** to view the data in an analyzed way.
* Created **Alerters** using Business objects to highlight columns based on business criteria.
* Created the reports using Business Objects functionalities like Queries, Slice and Dice, Drill down, Functions, Cross Tab, Master Detail and Formulas etc
* Used **Free Hand SQL** for creating complex Reports, which were not possible to produce using the available Universes and resolved **Chasm-traps** and **Fan traps** in the universes.
* Involved in setting up of Aggregate awareness to enhance the performance of SQL transactions.
* Inserted drill filters in the Webi reports which help end users to run reports on multiple selection criteria.
* Created report level contexts in Web Intelligence and **Desktop Intelligence reports**.
* Gave my thoughts and ideas to the data-modelling team in designing a new data mart for future reporting applications and conducted end user training for IT users at local health units for basic reporting skills.
* Trouble shooting and tuning of the reports to reduce the performance time of the reports.
* Tuned the queries to improve the Performance of the existing Reports for various functional areas.
* Applied security features of Business Objects like report level & object level security in the universe so as to make the sensitive data secure.
* Developed Stored Procedures Using Oracle PL/SQL programming to improve the performance of the Reports using complex queries.
* Extensively worked on Broadcast Agent for scheduling and distributing the documents.

**Environment :** Business Objects XI 3.1 (Supervisor, Designer, Reporter), Broadcast Agent, Web Intelligence, Info View, Auditor, Oracle 9i/10g, SQL Server 2005, Xcelsius, Windows NT/2000 server.

***CIGNA HEALTH CARE, Bloomfield, CT [Goregaon, Mumbai] (Sep 06 – Jun 08)***

***BO Developer***

**Over view**: This is a Claim data mart. This Claims Datamart was built to facilitate electronic submission and processing of claims and the data was gathered from various sources and further analyzed to enable quicker and effective processing of Claims. The reports were generated using SAP BO, Crystal reports and Xcelsius that helped users to process the claims and also formulate strategies for health care plans & Marketing.

# Responsibilities

* Analyzing system functionality requirements, documents and scope of the work.
* Work included Developing, Testing and enhancing existing **Business Objects Universes**; work required modifying, testing and promoting to the Repository.
* Developed, Tested, Promoted and Maintained the **WEBI Reports**, also had modified the existing reports based on user requirements, Also solved any issues/errors encountered.
* Responsibilities required acting as the Key Person for maintaining **Universe's** with creation of joins, Cardinalities, Contexts, and solving the loops, Testing, Data analysis etc.
* Have resolved loops, Fan Traps and Chasm traps using context and alias and also have built **custom hierarchies** and **predefined filters** to facilitate easy drill down and addressed performance issues.
* Created reports using Business Objects functionalities like **Slice and Dice**, **Drill Down, Cross Tab, Alerter** and **Formulae** etc using Web intelligence.
* Scheduling daily, weekly and monthly reports using **BO XI Scheduler** using Events, creating Calendars. Upgraded BO XI R2 to BO XI R 3.0 Enterprise Environment. Used Java SDK's.
* Formatted Reports as per the User requirements using extensively the functionalities in Business Objects, which allows the users to analyze the data.
* Used **Polestar** for better interaction with predefined data sets to generate quick visualized reports.
* Extensively used Calculations, Variables, Break points, and Sorted inputs, Drill down, Slice and Dice, Alerts etc in Creating Reports, formatted old reports, generated charts, bars etc as per user requirements using **Crystal Reports XI, Crystal Xcelsius 4.5** and integration as well.
* Designed interactive **Dashboards** such as Popup, Tabs etc and many creatively styled Xcelsius Reports to best support needs using effective HCI Principles.
* Manipulating data through various presentation styles using **Crystal Reports XI** such as charts cross tabs, slice and dice, user response, alerts, prompts, nested loops and filters.

**Environment:** **Business Objects XI R2, Crystal Xcelsius 4.5, Info View, Crystal Reports XI, Web Intelligence, Business Explorer (Polestar) XI 3.0, SAP BI/BW 7.0, Sql server 2005.**