**BUTCHI BABU J**  Mobile: 973-493-3472

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**Professional Summary**

* About 13 years of work experience in IT industry, having good experience in Business Analysis, Data Science And various Business Intelligence Technologies **– SAP Business Objects Developer Suite, OBIEE, Tableau and ETL** - primarily in **Banking and Financial Service Industry**.
* 8 years in the area of **SAP Business Objects Developer Suite 4.1/XI3.1/XI3.0/XIR2/6.x/5.x** (Infoview, Designer, Desktop Intelligence, Web Intelligence, Central Management Console (CMC), Central Configuration Manager (CCM), Central Management Server (CMS), Import Wizard, Publishing Wizard, and Report Conversion Tool), Xcelsius 2008/4.5, Live office, QaaWS.
* Extensive experience in **Tableau Desktop, Tableau Server** and Tableau Reader in various versions of Tableau
* Experience in developing **OBIEE** Repository (.rpd) at three layers (Physical Layer, Business Model & Presentation Layer), Time Series Objects, Interactive Dashboards with drill-down capabilities using global & local Filters, Security Setup (groups, access / query/report privileges)
* Good understanding of Data modeling tools like ER Studio, ERWIN 4.0/3.5,Visio. Knowledge in designing and developing Data marts, Data warehouse using multi-dimensional Models such as Snow Flake Schema and Star Schema while implementing Decision Support Systems, OLTP and OLAP systems. Experience in FACT & Dimensions tables (SCD), Physical & logical data modeling process and Informatica ETL tool
* Solid database experience in Oracle 11g,10g/9i/8i/8.0/7.x, MS Access, Teradata, SQL\*Plus, PL/SQL and oracle DBMS Packages, oracle supplied utilities, TOAD
* Interacting with management to identify key dimensions and measures for business performance.
* Reviews business requirements and design specifications for low to moderately/complex system changes for completeness and testability.
* Experience in requirement gathering, gap analysis and producing requirement specifications based on the client/user interactions.
* Provide planning, integration, casing, scripting, and execution of all testing required
* Develop and maintain test plans, test environments, test cases, test scripts and/or workflow usage, reviewing code and preparing change control documents.
* Involved in the analysis and development of text analytics using an environment of Attivio, Teradata, Hadoop and Spotfire.
* Extensive experience in software development for Banking & as well as Non-Banking Financial Institutions.

**Experience Summary**

**SAP Business Objects**

* Experience in Designing, Building Universes with Measures, Dimension objects, Join conditions, Filters, LOV's, Cardinalities, Aliases, Contexts, Hierarchies, @functions, Aggregate Awareness using SAP Business Objects Designer
* Experience in resolving join path problems like Loops and Traps in the universes using Aliases, Contexts, and Aggregate Awareness in SAP Business Objects Designer
* Expertise in creating reports using SAP Business Objects WebI, WebI Rich Client, DeskI and Crystal reports using different Data Sources
* Extensively used SAP Business Objects reporting functionalities such as Master Detail, prompts, cross tab, Slice and Dice, Drilling methodology, Filters, Ranking, Sections, Graphs and Breaks
* Experience in creating complex reports by linking data from multiple data providers, using free hand SQL, stored procedures and functionalities like Combined Queries, Sub Queries
* Expertise in building dashboards using Xcelsius 2008/4.5,linking Crystal Xcelsius to BO Universes using QaaWS and Live Office
* Experience in Installation, Administration and upgrading versions of SAP Business Objects in development, testing environments and performance tuning of Universe, Report Applications
* Expertise in Migration of Repositories (universes, Reports, Security, etc) from earlier versions to later versions
* Train users in SAP Business Objects tools such as Infoview, Xcelsius and Desktop intelligence
* System testing of the integrated code and provide support during acceptance testing and release of the product into the production environment.
* Test the data fetched in business objects against open SQL result sets from Oracle, Teradata Database 13.10

**OBIEE**

* Interacted with business users of various subject areas for gathering the **OBIEE** Reports / Dashboards requirements and to define business and functional specifications.
* Customized and developed RPD (Physical, BMM and Presentation Layer).
* Developed many Reports / Dashboards with different Analytics Views (Drill-Down, Pivot Table, Chart, Column Selector, and Tabular with global and local Filters
* Implemented security by creating roles & web groups, checks with External tables and LDAP, and Object Level Security.
* Worked on evaluation of **OBIEE** and its new utilities including BI Server, Answers, Delivery and Publisher.

**Tableau**

* Tableau Developer (for designing and developing, proto typing the various dashboards using tableau desktop).
* Involved extensively for building the dashboards such as creating Tableau Extracts, Refreshing extracts, Tableau Layout

Designing, Tableau Work sheet Actions, Tableau Functions, Tableau Connectors (Live and Extract), Dashboard color coding, formatting and report operations (sorting, filtering (Quick Filters, Cascading filters, context Filters), ranking, Top-N Analysis, hierarchies)

* Involved in Trouble Shooting, Performance tuning of reports and resolving issues within Tableau Server and Reports.
* Fair Knowledge in Installation, Configuration and administration of Tableau Server in a multi-server and multi-tier environment.
* Extensive Tableau Experience in Enterprise Environment and Tableau Administrator experience including technical support, troubleshooting, report design and monitoring of system usage
* Extensive experience on building dashboards using Tableau.
* Involved in upgrading Tableau platforms in clustered environment and performing content upgrades.
* Established Best Practices for Enterprise Tableau Environment and application intake and development processes.

**Informatica**

* Experience in Planning, Designing, developing and deploying Data Warehouses / Data Marts using ETL Tool
* Extract data from various source systems like Teradata and flat files as per the requirements.
* Develop Multiload, BTEQ scripts to implement the business logic to get the related data from the source DB and to load into data warehouse
* Modifying the queries to use the Teradata feature for performance improvement.
* Used UNIX shell scripts to control the operation of the data loading processes.
* Extensively worked on Workflow Manager and Workflow Monitor to create, schedule, monitor Workflows, Work lets and various tasks like command, Email and session tasks.
* Used constraint based loading when loading data to the targets.
* Involved in the preparation of Unit test cases, execution of Unit test cases, prepared Check lists, Deployment plans for the code move to QA and Production Environments.

**Technical Skills Profile:**

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| --- | --- |
| **System Design & Development** | Requirement analysis and documentation, Application Design and documentation, Unit Testing, System Testing and Implementation. |
| **Technical Skills** | **Reporting Solutions -** Design / Architect, Development, Testing, Tuning and Scheduling, Administration |
| **Operating System** | Windows NT/2000/XP, UNIX |
| **Business Areas** | Banking and Financial Services, Manufacturing, Retail and Supply Chain Management |
| **Database** | MS SQL Server 2008, Oracle 11g/10g/9i, Teradata, DB2, Flat Files |
| **Languages and Tools** | SAP Business Objects 6.5/BOXIR2/BOXIR3/4.0, OBIEE v10.1.3.4.0/v11.1.1.7/Informatica7.1.3 / 8.6,PL/SQL Developer, BO Crystal Xcelsius 2008,Live Office, QlikView TOAD, SQL Developer, Tableau Desktop, Tableau Server, Hyperion Essbase, Hadoop, R-Studio |
| **Data Modeling Tool** | Dimensional Data Modeling, FSLDM, Star/Snow flake Schema Modeling (2NF, 3NF), Erwin 8/7.  ENDEVOR. |
| **Others** | JIRA, Test Director, HP Quality Center, Service now, MS Visio, File-Aid, File-Manager, Clarify |

**Work Experience:**

**State Of Wisconsin, WI, USA: Apr 2016 to Present**

**Designation: Sr. Visualization Specialist**

**Responsibilities:**

* Work with enterprise wide business and IT senior management to understand reporting and data analysis needs.
* Work closely with Business Analysts and customers in the gathering of requirements for reports and dashboards.
* Responsible for designing Business Objects universe layer for business intelligence solutions and optimize the performance of Business Objects applications.
* Work interactively with both technical and non-technical staff to build Business Objects universe layer that adheres to underlying data model and effectively delivers data to end users.
* Act as Business Objects WEBI subject matter expert for fellow technologists as well as end users.
* Understand logical and physical data modeling and methods for optimizing the Business Objects universe against the physical model.
* Creating data visualization products using Xcelsius/SAP Dashboards, and understand fundamentals of visual design.
* Integrating Query as a Web Service (QaaWS) and BI Web Services (BIWS) to create connected-data dashboards

Monitoring enterprise level database management systems, business intelligence tools and systems.

**Project Environment:**

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| --- | --- |
| **Operating System** | Windows NT/2000/XP, UNIX |
| **Business Areas** | State Government |
| **Database** | Oracle 10g/9i |
| **Languages and Tools** | SAP Business Objects 6.5/BOXIR2/BOXIR3/Informatica7.1.3 / PL/SQL Developer, BO Crystal Xcelsius 2008, Live Office, TOAD, SQL Developer |
| **Data Modeling Tool** | Dimensional Data Modeling, FSLDM, Star/Snow flake Schema Modeling (2NF, 3NF), Erwin 8/7.  ENDEVOR. |
| **Others** | JIRA, Test Director, Service now, Clarify |

**GE Transportation, Fort Worth, TX June 2015 – Mar 2016**

**Role: Sr. BI Analyst/OBIEE/Tableau Developer**

**Responsibilities**

* Interacted with business users of various subject areas for gathering the OBIEE Reports / Dashboards requirements and to define business and functional specifications.
* Customized and developed RPD (Physical, BMM and Presentation Layer).
* Developed many Reports / Dashboards with different Analytics Views (Drill-Down, Pivot Table, Chart, Column Selector, and Tabular with global and local Filters) using Siebel Analytics web.
* Configured OBIEE iBots to deliver analytics content based on schedule, automated iBot queries to obtain daily and weekly reports.
* Experience in developing OBIEE Repository (.rpd) at three layers (Physical Layer, Business Model & Presentation Layer), Time Series Objects, Interactive Dashboards with drill-down capabilities using global & local Filters, Security Setup (groups, access / query/report privileges) and scheduling iBots.
* Implemented security by creating roles & web groups, checks with External tables and LDAP, and Object Level Security.
* Worked on evaluation of OBIEE and its new utilities including BI Server, Answers, Delivers and Publisher
* Created Rich dashboards using Tableau Dashboard and prepared user stories to create compelling dashboards to deliver actionable insights.
* Connected Tableau server to publish dashboard to a central location for portal integration.
* Connected Tableau server with share-point portal and setup auto refresh feature

Project Environment:

|  |  |
| --- | --- |
| **Operating System** | Windows NT/2000/XP |
| **Business Areas** | Manufacturing and Supply Chain Management |
| **Database** | Oracle 11g |
| **Languages and Tools** | OBIEE v10.1.3.4.0/v11.1.1.7,Informatica 9.1,PL/SQL, QlikView11.20, TOAD, SQL Developer, Tableau Desktop, Tableau Server |
| **Data Modeling Tool** | Dimensional Data Modeling, Star/Snow flake Schema Modeling (2NF, 3NF), Erwin 8/7.  ENDEVOR. |
| **Others** | JIRA, Test Director, HP Quality Center, Service now |

**GE Capital Americas Franchise Finance, Scottsdale, AZ Sep 2011 – June 2015**

**Role: Sr. BI Analyst/Business Objects/OBIEE/Tableau Developer**

**Responsibilities**

* Documented business user requirements, translated Functional requirements into Technical Requirements
* Identify source and system of record for business need, Identify existing data mapping to understand any add/update on the data mapping
* Analyzing the data elements currently being pulled from multiple system of record and fields required for data mapping using Informatica 7.1.3 / 8.6
* Business definitions, formulae for existing or for new data field mapping and coordinate with ETL,DA teams and assist in defining target fields
* Documentation of field info and specify that how reports will be displayed on Business Objects XI and Understand reporting methods as more than one BI tool will access this data
* Source-to-target data mapping documents that allow for the automation of critical analytic capabilities in the EDW
* Integrating critical analytics into a compliant, scalable and automated environment where it can be accessible by multiple reporting methods
* Universe design, build and testing using Business Object XI, SAP Business Intelligence 4.1 on Oracle 9i/10g/11g, ,Teradata Database 13.10/14.00 databases.
* Design, Develop and Maintain Universes by defining joins, cardinalities between tables applying contexts and alias tables to remove cyclic dependencies
* Export universes to the Repository for making resources available to the users from various groups
* Customize the list of values (LOV's) which helps the end users to select the values
* Test the all the reports with different scenarios like query balancing, look and feel and formatting of the reports based on the specifications
* Interacted with business users of various subject areas for gathering the OBIEE Reports / Dashboards requirements and to define business and functional specifications.
* Customized and developed RPD (Physical, BMM and Presentation Layer).
* Developed many Reports / Dashboards with different Analytic Views (Drill-Down, Pivot Table, Chart, Column Selector, and Tabular with global and local Filters) using Siebel Analytics web.
* Created numerous dashboards in Tableau Desktop based on the data collected from App's by importing and blending data from MS Excel and CSV files along with Oracle SQL Server Databases.
* Complied interactive dashboards in Tableau Desktop and published them to Tableau Server which allowed story telling behind App usage with Quick Filters for on demand needed information with just a click of a button.
* Developed and reviewed SQL queries with use of joins clauses (inner, left, right) in Tableau Desktop to validate static and dynamic data for data validation
* Reviewing code and preparing change control documents for production deployment

**Project Environment:**

|  |  |
| --- | --- |
| **Operating System** | Windows NT/2000/XP, UNIX |
| **Business Areas** | Banking and Financial Services |
| **Database** | MS SQL Server 2008, Oracle 11g/10g/9i, Teradata13.0/14.0, DB2, Flat Files |
| **Languages and Tools** | SAP Business Objects BOXIR3/4.0, OBIEE v10.1.3.4.0,Qlikview, Informatica7.1.3 / 8.6,PL/SQL Developer, TOAD, SQL Developer, Tableau Desktop, Tableau Server |
| **Data Modeling Tool** | Dimensional Data Modeling, FSLDM, Star/Snow flake Schema Modeling (2NF, 3NF), Erwin 8/7.  ENDEVOR. |
| **Others** | JIRA, Test Director, HP Quality Center, Service now |

**GE Capital Americas Franchise Finance, Scottsdale, AZ May 2007 - Aug 2011**

**Role: Offshore Business Objects Developer**

**Responsibilities**

* Universe, report design, build and testing using Business Object XI on the databases Oracle 9i/10g/11g, Teradata Database 13.10 ,tuned and Enhanced Universes with SQL Queries for the Report Performance
* Used @functions like @select, @where and @prompt function to create prompts which helps the user to select the values dynamically and created Derived tables at universe level to resolve report level complexity
* Created complex Condition Objects for easy reporting, Aggregate-Aware objects for better performance
* Developed Business Objects Universes with classes, objects and condition objects and developed hierarchies to support drill down reports
* Developed dashboards using Xcelsius 4.5 using live office and Qaaws as the data sources
* Presentation of the advanced features of SAP Business Objects to end-users to enable them to develop queries and reports easily
* Applied security features of SAP Business Objects like row level, report level & object level security in the universe so as to make the sensitive data secure
* Troubleshooting and rectifying Universe, Webi & Live Office errors
* Performed unit testing, system testing and user acceptances test (UAT) for universe, reports and security management
* Monitored all the Business Objects repositories to make sure the Business users are getting their reports without any delay

**Project Environment:**

|  |  |
| --- | --- |
| **Operating System** | Windows NT/2000/XP, UNIX |
| **Business Areas** | Banking and Financial Services |
| **Database** | Oracle 10g/9i |
| **Languages and Tools** | SAP Business Objects 6.5/BOXIR2/BOXIR3/Informatica7.1.3 / PL/SQL Developer, BO Crystal Xcelsius 2008, Live Office, TOAD, SQL Developer |
| **Data Modeling Tool** | Dimensional Data Modeling, FSLDM, Star/Snow flake Schema Modeling (2NF, 3NF), Erwin 8/7.  ENDEVOR. |
| **Others** | JIRA, Test Director, Service now, Clarify |

Retail sales Analysis systems, India Oct 2003 - Apr 2007

**Role: Business Objects Developer**

**Responsibilities**

* Analyzed the specifications provided by the client, understanding the Business.
* Interacted with management to identify key dimensions and measures for business performance.
* Tested data fetched in business objects against open SQL result sets.
* Designed and developed Business Objects Universe and reporting solutions using Business Objects 5.1/6.5, Oracle
* Created different types of reports such as master\detail, cross tab and chat for trend analysis.
* Performance tuning of Universe, Reports and Applications
* Created hierarchies for providing drill down options for end user.
* Created reports using Business objects functionalities slice&dice, drill down, prompts, cross tab and master detail report etc.
* Involved in scheduling of documents monthly, weekly and daily through Broadcast agent console
* Involved in creating reports using the SAP Business Objects and Web Intelligence

**Project Environment:**

|  |  |
| --- | --- |
| **Operating System** | Windows 95/98/2000 |
| **Business Areas** | Retail Business |
| **Database** | Oracle 8i |
| **Languages and Tools** | SAP Business Objects 5.1,6.5/ Informatica/ SQL/PLSQL |
| **Data Modeling Tool** | Dimensional Data Modeling, Star/Snow flake Schema Modeling (2NF, 3NF), Erwin  ENDEVOR. |
| **Others** | Win Runner, Test Director |

Certifications

* ITIL certified TCS Internal (foundation level).
* Six Sigma Green Belt TCS GE Internal.
* Business Objects Developer Products TCS Internal.
* Completedvarious **Business Intelligence Technical** trainings conducted by TCS.

Awards and Recognitions

* Received Cynosure Award for delivering the various projects without any service issues during both implementation & post implementation period.
* Received Excellence Award for managing, delivering Simplification and Compliance projects above the expectations of Business Users meeting critical timelines.
* Received Technology Excellence Award from Tata Consultancy Services LnD (Learning & Development) for mentoring both team members and as well as members of other teams.

Education

Bachelor of Technology, Acharya Nagarjuna University, India.

Professional Organizations

* 9 dots Technology Inc,Dec 2015 – Present.
* Tata Consultancy Services Ltd, May 2007 – Nov 2015.
* Consultant for Tata Consultancy Services Ltd, Oct 2003 – May 2007.