**Ali Baig**

**PROFESSIONA**L **SUMMARY**

* IT professional with over 8 years of working experience in different technologies including **Business Intelligence**, **BW**, **HANA**
* Strong working experience in all of **Business Objects** Analytical tools using different versions of **Business Objects Enterprise (6.5/XIR2/R3.x/4.x), Crystal Reports XI/2008/11**
* Worked with different databases including **SQL Server**, **Oracle, Teradata, BMC Remedy 7.5/8.1**
* Experience in working with **BI** project development agile methodology including Analyze, Specify, Design, Plan, Develop, Test and Deploy projects.
* Created parameterized, Cross-tab, Drill down and Summary reports in **Crystal Reports**.
* Streamlined client reporting requirements and successfully developed and delivered **Business Objects Universes** and **Webi reports** based on Business requirements.
* **Business Objects Migration** experience migrating contents from older versions to newer versions of **Business Objects Enterprise**.
* Expertise in gathering business requirement by interacting with client directly and creating business requirement specification document, design and functional documents.
* Expert in handling SAP **BW** Front end tool Bex Analyzer, Query Designer, Report Designer and Web Application Designer (WAD).
* Expert in generating reports on the Multi Providers, Info Providers and Info Cubes using Restricted/Calculated Key Figures, Structures, Characteristic/Text/Formula Variables, Exceptions, Conditions.
* Designed and developed flexible Bex queries, utilizing variables, conditions, exceptions, and hierarchies in **Query Designer** and **Bex Web Application Designer**. Conducted performance tuning of Queries by maintaining Aggregates, Compression.
* Involved in Full development life cycle while developing contents (building **Universes** and creating **Reports**) for different projects and different clients.
* Expertise in creating **Universes** using database tables, Stored Procedures, free hand **SQL**, Bex Queries, HANA Tables/views and developed complex ad-hoc and canned **Reports** using **Web Intelligence/Crystal Reports**/**Analysis Edition for OLAP/SAP Lumira/Design Studio**
* Expertise in building/enhancing/migrating **Business Objects universes** and moving contents from one environment to another (i.e. Dev, QA, UAT, Prod) using Promotion Management Tool or Import Wizard/Upgrade Management Tool
* **Business Objects Administration** experience working with CMC to support existing **BOE** Environment.
* Created complex **Dashboards** by using different data sources like Live Office, Qaaws, BI web services
* Involved in **POC** of **Xcelsius**/Live Office to the client, also trained users on **Business Objects** functionality and tool set.
* Mentored and helped developers to enhance their skills in using **BI** tools and utilize them following best practices.
* Used **Tableau desktop** for blending databases and creating different interactive views and dashboards
* A self-motivated and self-directed person with Excellent Communication, interpersonal skills and ability to work under Tight Schedules.

**TECHNICAL SKILLS**

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| **BOBJ Tools** | Business Objects Enterprise :Designer(UDT & IDT), Desktop Intelligence, Web Intelligence, Live Office, Crystal Reports 2008/2011, SAP Lumira 1.27, Design Studio 1.5, Dashboard 4.0 |
| **DataBase** | Oracle 9i/10g/11g/12c, MS SQL Server, DB2, Netezza 6/7, MS Access, HANA, MS Access, SAP BW 7.0/7.3, Hyperion Essbase 11.1, Hyperion Brio |
| **Operating Systems** | Windows XP/NT/98/2000/03/R08, UNIX, LINUX |
| **Education** | Bachelor’s Degree Computer Science , Osmania University India |
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**PROFESSIONAL EXPERIENCE**

**Client: Cargill Inc, Hopkins, MN**

**Role: Sr.SAP Business Intelligence/Business Objects Consultant**

**Apr 2015–(Till Date)**

* Interacted with Business users/Project Managers to better understand reporting requirement and to purpose solutions.
* Involved in development of existing **Universes** and **reports** in **Business Objects 4.1** environment by adding Dimension/Characteristics, Measures/Key Figures, Contexts and Custom Objects.
* Developed additional new Universes such as ITSM Cargill Incident Mgmt/Change Mgmt/Problem Mgmt/Task etc in **UDT**/**Information Design Tool**(IDT) using Relational/Multidimensional/**HANA** Views as a source
* Design and Developed flexible **BEx** queries, utilizing variables, conditions, exceptions, and hierarchies using Query **Designer**. And, request newly developed objects to Transport them to QA and Production System.
* Design and developed complex adhoc and canned **reports in BI Launchpad 4.1** for Incidents, Service request, Change/Problem request raised by **Organizations** globally. Used multiple data providers, Union, cross tab, Pie/Line/Column Charts.
* Developed reports on the Multi Providers, Info Providers and Info Cubes using **Restricted, Calculated** Key Figures, Structures, Characteristic Variables, Formula Variables, Exceptions, and Conditions define in BEx queries.
* Created **Content groups** in **CMC** for different Universes to provide respective access (Supervisor and Consumer) to the end users based upon Job role to access the reports in **BI Launchpad 4.1**
* Used **Central Management Console** (CMC) in setting up security in BO 4.1 and also manages security configuration for various reports and universes in development, test and production environment. Monitoring of jobs in **CMC** and resolving them as need.
* Published universes and reports documents to the repository as part of the production deployment and made them available to the users using **Promotion Management tool**
* Involved in production support during and/or after office hours on **Incidents/Service Requests** report tickets with **Critical/High/Medium/Low** priorities on daily basis running against remedy 7.5/8.1/SAP BW/Oracle databases and data analysis on data related issues to team members and end users.
* Design and developed **Production Assurance dashboard** in Dashboard using **BI Web services** which Provides executive summary information on Incidents/Service request/Change/Problem tickets, and monitoring accuracy of data reflecting on the dashboard on a daily basis for **Global IT Infrastructure**
* **Scheduled** business reports on a **Monthly/Weekly/Daily** basis and distributed **reports** in multiple formats such as Excel/PDF/Webi URL to business users and file share location.
* Design and developed adhoc reports(Raw Data) for Incidents/Change/Problem request using **Remedy 7.5/8.1 Reporting tool**
* Created reports using **Crystal Reports** with Standard, Summary, and Cross Tabs and Grouping. Maintained and Supported existing Crystal Reports for enhancements, modifications
* Responsible for improving the query performance of the reports by tuning the Queries and creating business views.
* Design adhoc reports for business users using **Analysis Edition for OLAP** for data analysis
* Developed interactive dashboards in **SAP Lumira**/**Design Studio**/**Tableau** for data visualizations as per business needs
* Worked with DBA to tune the report queries for improving **performance** of the reports
* Coordinated with **Off-shore team** on the project development, validation and deployment of the Universes and reports.
* Presented the advanced features of **Business Objects** to Customers/Users and developers in developing various adhoc reports in **BI Launchpad 4.1**

**Environment**: SAP BW 7.3, SAP BI/Business Objects 4.1, SAP HANA, Crystal Reports 2011, Dashboard, Oracle 11g, and BMC Remedy 7.5/8.1, Oracle-SQL Developer, and SAP Lumira1.27, Tableau 9.0, Analysis Edition for OLAP, Design Studio 1.5

**Client: UAB, Birmingham,AL**

**Role: Business Objects Developer**

**Jan 2013 –Mar 2015**

* Interacted with Business user community to gather and analyze the business requirements in developing and modifying Universes and building the reports.
* Created Single & Multi Source Universes based on Relational and OLAP connections from scratch using **Information Design Tool (IDT)** and also modified existing Universes based on reporting requirements.
* Improved the performance and reduced the coding with the use of **@functions** like @Prompt(for user defined queries), @Where (for creating conditional filters), and @Select (to create duplicate objects) in the process of building the Universes(**UDT** & **IDT**).
* Provided recommendations in Analyzing, Design, Implementation and administration of security models with row level data security, role based security etc in Universes and Central Management Console (**CMC**)
* Design and developed various ad-hoc and canned reports using **BI Launchpad 4.1** and Webi Rich Client on Market and Regions for marketing team to do trend Analysis, using new features as well such as Element Linking, Stacked Bar/Column Chart, Heat Map, Tree Map, Bubble Chart etc.
* Used **Crystal Report 2008** Enterprise to design the front end **reports.**
* Migrated the Crystal Reports, Universes, Webi Reports, Users and User Groups from BO XI to BO 3.1 using **Import Wizard** and from BO 3.1 to BO 4.1 using **Upgrade Management** Tool
* Extensively used **Central Management Console** (CMC) in setting up security in BO 4.1 and also manages security configuration for various reports and universes in development, test and production environment
* Migrated the Universes, reports, Users, User Groups in BO 4.1 from Development to Quality environment and Quality to Production environment using **Promotion Management** Tool and made them available to business users
* Interacted with DBA/ETL team to implement report logics at Database/ETL Level to improve performance of the reports.
* Developed Operation Dashboards for summary level data analysisin **Dashboard**(Xcelsius) using **Qaaws** for Higher level Management to Monitor Project/Budget allocation
* Assisted Business Objects user community with day to day Business Objects guidance/issues
* Developed interactive dashboards in **Design Studio** to show summary level data based on business requirements.
* Create the simple reports/Dashboards in SAP **Lumira** and **Business Objects Explorer** to show the user experience plus the layouts which met the business requirements.

**Environment**: Business Objects 4.1/3.1/XI, Crystal Reports 2008, Dashboard 4.0, Windows R2008, Oracle 11g, SQL Server 2008, SAP Lumira (Data Visualization)1.18, Design Studio1.2, Business Objects Explorer, asp.Net, Tableau 8.1

**Client: Fidelity Investments, Durham, NC**

**Role: Business Objects Consultant**

**Aug 2011-Dec 2012**

* Actively worked with Business Users/Managers in gathering reporting requirements and Converting business requirements into functional requirements
* Modified the **existing Universes** by adding Dimensions, Measures, Custom Objects and Contexts, using star schemas and snowflakes as source for these **universes**. Used **@functions** (@select, @aggregate aware, @where, and @prompt) to create predefined conditions, and prompts to filter the data in the universes.
* Design additional **new Universes** for eDelivery, National Financial, Service Center, StreetScape etc for **ad-hoc reporting**.
* Develop, Test and enhance existing **Business Objects 3.1/4.0** Universes & Reports, including modifying, testing and exporting to the Repository.
* Created **Content groups** in **CMC** for different Universes to provide respective access (Owner, Power User, and Consumer) to the end users based upon Job role to access the reports.
* Worked extensively with the major functionality of **Business Objects** like Breaks, Sections, Alerter, Filters, Sorts, Query Prompt, User response function etc
* Created reports using **Crystal Reports** with Summary and Cross Tabs, and also modified the existing **Crystal Reports** as per business needs.
* Used **Toad/Aginity** to verify data pulled by the report is correct compared to the database data and also to verify the joins used in designing the **Universe** are correct
* Presented the **advanced** features of **Business Objects 4.0** to users and developers to enable them to develop queries and reports easily.
* Involved in conversions of **Brio** reports into Webi reports
* Worked with DBA to tune the report queries for improving performance of the reports.
* Involved in developing **FI Release Management** **dashboard** using **Xcelsius/Dashboard** for Quality Center department
* Involved in user training on **Xcelsius/Dashboard** and live office, Qaaws, BI Web services
* Design and developed **FIT Management Dashboard** for higher level management to view IM/PM/CM Tickets, project allocation using **Qaaws**.
* Involved in **Production Support** during and/or after office hours on technical **Business Objects** related issues and/or data analysis on data related issues to team members/business users.
* Resolved **Incident Management tickets** to support production environment on a daily basis.
* **Scheduled** business reports on a daily/Weekly/Monthly basis and distributed **reports** in multiple formats such as Excel/PDF/Webi URL to users and **SharePoint** location.
* Coordinated with Off-shore team on the project development, validation and deployment of the Universes and reports.
* Involved in **Migration process** from **Business Objects XI 3.1 to 4.0**
* Provided complete documentation(**Hard cards**) to help users in developing various reports using different functionalities and methods used in creation of **reports** in **BI Launchpad 4.0**

**Environment**: Windows XP/7, Business Objects 4.0/3.1 tools (Designer and Business Object-Report), Unix/Linux, Hyperion Brio, Dashboards4.0, Crystal Reports XI/2008, Oracle 10g/11g, SQL Server 2008,Netezza 6/7, DB2

**Client: Fifth Third Bank, Cincinnati, OH**

**Role: Business Objects Developer**

**Nov 2009 - July 2011**

* Involved in gathering reporting requirements and analyzing existing legacy system.
* Modify the existing marts by adding dimensions or measures as needed.
* Created classes, subclasses and objects including complex measure objects according to the business requirements from the **Universe** schemas and database tables
* Created Custom **Hierarchies** for several groups in **Universe** and also provided row level security for the end users.
* Worked extensively with (@select, @aggregate aware, @where, and @prompt) to overcome the problems with database when integrating with **Business Objects.**
* Coordinated with the ETL team to discuss the business rule/logic used to develop **mapping** and processes to populate the marts/tables.
* Create standard reports in **Business Objects** as per the specs finalized. Most of these reports are complex reports having multiple data providers and use advance formatting like Sections, Master Detail and Cross-tab.
* Developed complex **Crystal Reports** like sub-reports, Drill-down, Dynamic Grouping, Cross-Tab, Graphical, On-Demand, Ad-Hoc Reports, Frequency Reports, Summary reports, Linked reports, Mailing labels, Aging reports
* Responsible for Business Objects Universe development, support and enhancement for major business units
* Used AQT (Advanced Query Tool) to verify data pulled by the report is correct compared to the database data and also to verify the joins used in designing the **universe** are correct
* Interact with the users to get approval of the developed **reports**, Promote reports in the production environment through Change Management.
* Modified the existing **Universes** by merging different Classes, resolved the Loops and Chasm Traps by context.
* Design and developed flexible BEx queries based on business reporting requirements
* Depending on the business requirements created Universes against SAP BW **(BEx Queries)** and Oracle data bases.
* Developed BO webi reports against Universes build on top of **BEx** queries.
* Provided production support during and/or after office hours on technical **Business Objects** related issues and/or data analysis on data related issues to end users.
* Created interactive dashboards in **Xcelsius** with summary level data for higher management
* Designed and developed **dashboards/Scorecards** using Query as a Web Service **(Qaaws)** in **Xcelsius**

**Environment**: SAP BI 7.0, SAP ECC 6.0, Windows 2000 x, Business Objects 3.1,Crystal Reports 2008, Xcelsius, Oracle 9i/10g, Teradata, DB2 Database, Hyperion Essbase 11.1

**Client: Hibbert Group, Trenton, NJ**

**Role: Business Objects/Crystal Report Developer**

**July 2007- Oct 2009**

* Involved in user training, trained users on **InfoView** and **Xcelsius** Applications, and provided technical guidance to users.
* Wrote functional specification documents for the project scope to be created in security to be implemented in **Business Objects XI R 3.1**
* Created **universes** with Classes and **Objects** for Investment management system.
* Created **universe** on top of views build in composite coming from multiple data sources.
* Worked extensively with @functions (@select, @prompt, @where) in designer, created optional prompts, also created objects using complex case functions.
* Addressed chasm trap and Fan Trap using Multi Parse **SQL**. Resolved Loops using Aliases and Context.
* Created Multiple Custom Hierarchies for several groups to provide drill across functionality.
* Responsible for maintenance existing **universes**, **Webi reports** and **Crystal reports**.
* Extensively involved in developing **Web Intelligence reports**, publications, scheduling and monitor publications.
* Implemented Row level restriction for managers profiles using designer.
* Resolved tickets to support production environment, Modified and tweaked **report** content and distributed **reports** in multiple formats such as Excel/PDF/Webi
* Used @aggregate aware () function and Aggregate tables for optimized query performance.
* Developed reports using **Crystal Reports** with Standard, Summary, and Cross Tabs and Grouping. Used conditional formatting as per business user reporting requirement in Crystal reports.
* Created **Webi Reports** with multiple variables (Context) at report level to meet complex business requirements.
* Provided user training documents for basic implementation. Design and create User guide and Training Guides.

**Environmen**t: Business Objects XI R 3.1, Crystal Reports XI, ITSM Software, Hyperion Essbase, SQL Server 2000, Oracle 9i, and UNIX.