**Farha T**

**Sr. SAP BusinessObject/Power BI/Tableau Developer**

**Phone :757-585-5238**

###### **SUMMARY**

* **Certified SAP BusinessObjects Professional** with over **15years** of professional experience as a software developer in designing and development of **Data Warehouse, Reporting, SAP BusinessObjects 4.3/4.2/4.1/3.1/XI R2/Crystal Reports XI**, Xelsius, **Design Studio 1.6/1.4, Power BI, Tableau,** Oracle, SAP BW and **SQL Server**.
* Experience developing powerful data visualization using **Microsoft Power BI**.
* Handson experience developing **Tableau desktop version, Tableau Reader and Tableau Server.**
* Experience with the complete Project development life cycle including **System Analysis**, **Design, Development, Testing, Deployment** and **End User Training**.
* Expert in working with all the modules of SAP BusinessObjects **4.3/4.2/4.1/3.1/XI R2/6.5/5.x** such as: **Central Management Console** (CMC), **Central Management Server** (CMS), **Crystal, Xcelsius**, **Desktop Intelligence** (Deski), **Web Intelligence** (Webi), Scheduler, Supervisor, Designer, and Application.
* Worked on creating OLAP universe in **IDT** and **UDT** using BEX queries, Mult Providers, info cubes and HANA Models in SAP BO integrated environment for reporting application.
* Involved in creating OLAP Connections on **BEX queries** in **CMC** and **IDT**.
* Very Strong understanding of Data warehousing concepts such as Star Schema, Snowflake Schemas and Multi-Dim Models.
* Expertise in MS SQL, PL/SQL, My SQL, Stored Procedures, Functions, Cursors, Packages, Views, Indexes.
* Experience working with Extract, Transform & Load process using **SNP Glue** and **Snowflake.**
* Good knowledge of Dimensional modeling, Data migration, Data cleansing, Data profiling, Data mining and Web reporting features of data warehouses.

###### **TECHNICAL SKILLS**

**Business Intelligence:SAP BusinessObjects** 4.2, 4.1, 4.0, XI R3.1/XI R2 BusinessObjects XI 6.5/6.1/6.0/5.1 (Supervisor, Designer, Info view, SAP BusinessObjects Enterprise Reporting, Web-Intelligence 6.0/2.7/2.6/2.5, Broadcast Agent, Designer, Supervisor, Auditor, Performance Management & Dashboard Manager, Report Writer), IDT, UDT, Analysis For Office 2.2 sp2 ,Lumira 2.0/1.3, Design Studio 1.6/1.5/1.4, SAP Crystal Reports 10/XI, Crystal Enterprise, Central Management Console,**Power BI**, **Tableau**7, 8, 9, 10, Tableau Desktop, Tableau Server, TOAD 8.5, SQL Navigator, Info-burst.

**ETL Tools**: Data Services, SNP Glue, Informatica Power Center 9/10, Informatica Workflow Manger 9/10.

**Data Modeling:** Dimensional Data Modeling, Data Modeling, Star Join Schema Modeling, Snowflake Modeling, FACT and Dimensions Tables, Physical and Logical Data Modeling, ERWIN 4.0, Visio.

**Databases:** SAP, Oracle 10g/9i/8i/8.0/7.x, MS SQL Server 2008, MS Access, Rapid Mart.

**Programming:** SQL, PL/SQL, SQL Plus, VB, C, C++.

###### **EDUCATION**

* Bachelor of Technology in Electronics and Communication from JNTU, Hyderabad, 2004.
* PG Diploma in Embedded Systems from Cranes Software International, Bangalore, 2005.

###### **PROFESSIONAL EXPERIENCE**

**LL Flooring, Richmond, VA Feb 2018- Till Date**

**Senior Developer SAP BusinessObjects**

Over the next 20 years, we grew steadily and expanded our selection to include carpet, vinyl, laminate, engineered hardwood and bamboo, offering over 500 floors in both traditional looks and the latest on-trend styles. We've helped transform millions of homes across the country with digital resources like our Floor Finder tool and our Picture It floor visualizer tool, plus teams of flooring experts in store to help you with every step of your project, from inspiration to installation.

**Responsibilities:**

* Developed, Tested, Promoted and Maintained the WEBI Reports, created Workspace and content packs for business user to create reports and Analysis for Office reports.
* Utilized Power BI (Power View) to create various analytical dashboards that depicts critical KPIs.
* Utilized Power BI gateway to keep dashboards and reports up to-date with on premise data sources.
* Designed incremental loads to populate the data mart with checksum and timestamp techniques.
* Automated Scheduling instances on a Monthly, Weekly and Daily basis for specific region and Zones.
* Created reports using all the BO functions like hyperlinking, Prompts, input controls, dimensional and Measure variables to show the accurate results.
* Deployed the reports to CMC for the users to able to see the reports in Info View and run, schedule and view the reports in different formats (PDF, Excel) to desired destination i.e. email or shared location.
* Involved in Modifying and Performance tuning of the Existing Reports.
* Created the reports using Business Objects functionalities like Queries, Slice and Dice, Drill Down, Cross Tab, Master Detail and Formulae’s etc.
* Developed reports specific with these Delegated Search, Database Delegated, Open Document and Data tracking new functionalities.
* Migration of data from BW to Snowflake using SNP Glue connector and build reports using Sigma.
* Created Snow pipe for continuous Data Load.
* Redesigned the views in snowflake to increase the performance.
* Hands-on-experience with Snowflake Utilities, Snow SQL, Snow Pipe, Big Data Model techniques.
* Recreated all the broadcasted reports from Analysis for Office and Webi in Sigma by extracting data from Snowflake.
* Published reports in Sigma for distribution list to share pdf version and excel version of the report.
* Push Power BI .pbix files to Share Point for version control, making sure all the updates are stored as a separate instance.
* Data modeling using Composite models in Power BI, retrieved data from REST Elastic search and SQL server.
* Created various dynamically refreshable Power BI visualizations in Power Point so users an have latest reports for their presentation and analysis.
* Involved in complete data lineage process to validate the end-to-end data validation process from various data sources to Power BI data query view.

**Environment:** SAP BusinessObjects 4.2 SP2, SAP BW on HANA, BEX Query, Data Services, SAP Lumira 2.0 sp2, Power BI, Snowflake, SNP Glue, Microsoft Azure, Sigma.

**Informatics Corp Sterling, VA Aug 2017- Jan 2018**

**Senior Consultant**

Informatics Corp offer the IT tools and processes to optimize your business operations, reveal key insights, and unlock new sources of revenue.

**Responsibilities:**

* Converted BO reports to Tableau Dashboards.
* Developed Tableau Data Visualization using Cross tabs, Heat Maps, Box and Whisker Charts, Scatter Plots, Geographic Map, Pie Charts and Bar Charts and Density Chart.
* Hands on building Groups, hierarchies, sets to create detail level summary reports and Dashboard using KPI’s.
* Strong Dashboard design experience and passionate practitioner of effective data visualization
* Provided Production support to Tableau users and wrote custom SQL to support business requirements.
* Utilized Tableau server to publish and share the reports with business users.
* Distributed Tableau reports using techniques like packaged workbooks, pdf to different user community.
* Developed reports specific with these Delegated Search, Database Delegated, Open Document and Data tracking new functionalities.
* Also involved in administration tasks such as setting permission, managing ownerships and providing access to the users.

**Environment:** SAP BusinessObjects 4.1 sp5 patch 6, Bex Query, Data Services, SAP Lumira 1.3, Tableau 10.

**IBM India Pvt. Ltd, Hyderabad, India March 2014- June 2017**

**Senior SAP Business Advisory**

**Client: Arla Foods Amba**

Arla Foods Ambais a farmer owned Diary Company. The principle has always been at the heart of everything and going strong over 100 years after Arla first started. Arla Focus on balancing incremental and radical innovation across the business with a primary target that 10% of our turnover should come for new product development. Dairy Products innovation keeps Arla on the top priority.

**Responsibilities:**

* Created the KPI to show the difference between actual and forecast data.
* Designed and developed Power BI graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
* Utilized Power Query in Power BI to Pivot and Un-Pivot the data model for data cleansing and data massaging.
* MDX programing, DAX expressions, analysis and business forecasts.
* Superior involvement in developing reports and dashboards from multiple data sources such as on-premises and cloud using Power BI Desktop.
* Troubleshoot and support reports in Power BI workspaces whenever there are issues in production.

**Environment:**MS SQL Server 2012/2008, SQL Server Integration Services (SSIS), Power BI Desktop, Power BI Pro.

**Client: ICL Harmonization**

ICL Harmonization. Is an Israel Chemical Limited companyICL is a leading provider of potash, phosphate fertilizers and technology-rich specialty fertilizers – critical inputs that farmers need to increase their yields and improve the quality of their crops.

**Responsibilities:**

* Worked in the Migration team and Migrated Data from Oracle to SAP.
* Converted Tableau reports into SAP BusinessObjects Webi.
* Created semantic layer of Universe using UDT (Universe Design Tool) and IDT, created reports on top the universe.
* Defined Customized Sorts in Universes and Reports Level.
* Built complex reports using multiple data providers.
* Extensively used OpenDoc to call child reports from parent reports.
* Interacted with testing team to derive test scripts and involved in UAT.
* Troubleshooting, Performance monitoring and tuning using PL/SQL.
* Involved in the Production Support and solved the relevant issues in the timely Scheduled reports using CMC and fixed failed reports.

**Environment:** SAP BusinessObjects XIR 3.1, Xcelsius, Bex Query, Data Services,Tableau 7, Oracle sql/Plsql.

**Client: BP**

We provide fuel for transportation, energy for heat and light, lubricants to keep engines moving and petrochemicals used to make everyday items. BP delivers energy products and services that people around the world need. Our Upstream segment is responsible for oil and natural gas exploration, field development and production. Our Downstream segment is focused on the refining and marketing of fuels, lubricants and petrochemicals.

**Responsibilities:**

* CreatedDashboard using Power BI, Design Studio and Xcelsius for HR and Finance team.
* Converted the existing Azure Data Factory V1 to Azure Data Factor V2 and implemented SSIS package in Azure environment using Integration Runtime (IR).
* Used various data visualizations with Power BI.
* Performance tuning of multiple databases by fixing indexes, table partitioning, usage of temp tables, redesign schemas and many more.
* Created different Power Pivot reports as per the client requirement.
* Experienced in developing Data Mapping, Performance Tuning and Identifying Bottlenecks of sources, mappings, targets and sessions.
* Work included Developing, Testing and enhancing existing Business Objects Universes; work required modifying, testing and promoting to the Repository.

**Environment**: SAP BusinessObjects 4.1 SP2, SAP BW, BEX Query, Data Services, Azure Data Factory,Power BI.

**CA, Hyderabad, India March 2012- October 2012**

**Lead SAP BusinessObjects Developer**

**Astellas Pharma Inc.** is a Japanese pharmaceutical company formed on 1st April 2005. The United States subsidiary of Astellas is **Astellas US LLC**. Some of the key products of Astellas are Prograf, Xtandi, Tarceva, Mycamine etc.

**Responsibilities:**

* Worked with users to know their business need while gathering the reporting requirements and provided several mock-up reports and dashboards to finalize the requirements.
* Have used Agile processed for software life cycle.
* Based on functional requirement I have designed end to end BO traceability document.
* Created Joins, Contexts, and Aliases for resolving Loops and checked the Integrity, Cardinalities of the Universe.
* Writing Complex SQL queries and matching the data with database and reports.
* Experienced in writing complex SQL Queries, Views, Joins, Constraints and User Defined Functions to implement the business logic and created clustered and non-clustered indexes.
* Involved in Normalization and De-Normalization of existing tables for faster query retrieval.
* Advised optimization of queries by looking at Execution Plan for better tuning of the database.
* Tuned and enhanced universes with SQL queries for the report performance.
* Specialize in migration to SAP BO XI R4.0 Universe Information Design Tool (IDT), Web Intelligence Reporting, SAP Dashboard 4.0 (Xcelsius) and Crystal Report 2011.
* Organized data in the report Inserting Filters, Sorting, Ranking and highlighting data.
* Developed reports specific with these Delegated Search, Database Delegated, Open Document and Data tracking new functionalities.
* Published Reports to CMC (Central Management Console) and involved in Scheduling and exporting the reports in different Formats.

**Environment:** SAP BusinessObjects 4.1 sp5 patch 6, Design Studio 1.1, SAP BW on HANA, Bex Query, Data Services, SAP Lumira 1.3.

**2Wire Development Center, Pune, India August 2009 – Feb 2012**

**Sr. SAP BusinessObjects Analyst & Developer**

**Pace** is a world leader in technologies, products and services for the broadcast and broadband industries. 2Wire media solutions deliver managed broadband entertainment services to the television, along with satellite, cable, digital antenna, or Internet TV programming. 2Wire media solutions enable a variety of entertainment services such as multi-room digital video recording, video place-shifting, media on demand, music management and photo sharing.

**Responsibilities:**

* Involved in interacting with Business users, gathering and analyzing requirements, logical and physical design of the reporting Requirements.
* Maintained & Modified Universes using BO Designer and exported to the CMS Repository.
* Created the Universe to be more User Interactive by defining prompts using @functions like @select, @where and @prompt and predefined conditions with certain objects.
* Designed **cascading prompts** in the universe to filter the list of account names based on the business units.
* Defined **Customized Hierarchies** at Universe level as for the user requirement.
* Created **Derived Tables** in the universes as for the requirements given.
* Build Webi reports and hyperlink it to another report using Open Doc functionality and Live View.
* Build Reports on Cost Center and Billing PNL Rapid Mart extensively as per the user requirement with various level of hierarchy**.**
* Created reports for GM, CAPEX, OPEX, AP, AR, HR and Balance Sheet.
* Created interactive reports in SAP BusinessObjects Dashboards 4.0 (Xcelsius) and exported dashboards in different formats.
* Dashboards and Webi reports build were tested before give to user for SAP source testing has been done with MDX and for non-SAP sources using Toad.
* Extensively worked with Excel Functions while Pivoting the Data (VLOOKUP, HLOOKUP) to SAP BusinessObjects Dashboards 4.0 (Xcelsius) Designer.
* Delivered reports in phases and demo to Business users for feedback. Extensively used BEx Analyzer to build queries and worksheets to access data from BW data targets.
* Created reports with Restricted Key Figures, Calculated Key Figures, Exceptions, Conditions, Variables and Filters
* Prepared different report layouts and blocks like Tables, Cross Tabs and Charts Using different functionalities like Breaks, Filter, Sorts, and Ranking to generate reports.

**Environment:** SAP BusinessObjects Enterprise XI R3.1, SAP Crystal Reports XI R2, SAP BusinessObjects Dashboards 4.0 (Xcelsius) 2008, Web Intelligence (Webi), BEX Analyzer, Data Integrator, SAP, Oracle, SQL Server 2005, QAAS, Live Office, Rapid Mart, Toad.