SAP Business Warehouse Developer

**PROFESSIONAL SUMMARY**

* Over 6 years of professional experience in the development and implementing full life cycles of Business Applications in **Business Objects XI 4.1, 4.0, 3.1., SAP BW 3.5/BW 7.0/BW 7.4 on HANA, Integration Planning, ABAP programming, SAP ECC, SRM, CRM, MM, FI/CO, HR.**

**SAP Business Objects**

* Business Objects Experience with releases BO 3, 4 & 4.1.
* Experience with other reporting tools like Crystal ReportsandXcelsius.
* Expertise in working with new tool Design Studio 1.6.
* Extensive experience in migration of Reports, Universes, Users and Groups from BO XI R2 to BO XIR3 using Import wizard.
* Extensively worked in Business objects reporting using Xcelsius, WebI and Crystal Reports. Created OLAPUniverses on BEx queries and BW Info Providers.
* Extensively worked on Complex reports such as Reports on Virtual Key figures, Dashboard/Cockpit reports, RRI etc.
* Expertise in designing Universe using Derived Tables, Aggregated Tables using Aggregate Awareness, Index awareness, contexts.

**SAP ABAP**

* Worked on ABAP/4programming for enhancing standard R/3 Data Sources, creating Transformation, Transfer and Update Routines, and Customer Exits in BW/BW.
* Managed and overseen the design and development of ABAP user exits and BW BADI/CMOD enhancements.
* Excellent Debugging and Troubleshooting skill. Expert in establishing coding standards, code reviews and re-designing the objects for Performance Tuning.

**SAP Business Warehouse**

* Worked on more than three full life cycleSAP BW implementations.
* Good experience working as SAP BW BSA from requirements gathering to converting them to functional in turn technical requirements.
* Expertise in configuration and customization of FI (GL, A/P, A/R, AA, SPL).
* Strong working knowledge in Controlling (CCA, OM, IO, PCA, PC) and B/W modules.
* Extensive experience in configuration and testing of FI/CO modules -GL, AR, AP, Fixed Assets, Treasury, Cost Center Accounting (CO-CCA), Internal Orders and Profitability Analysis (CO-PA).
* Proficient with LO-Cockpit, COPA, FI GL, AR, AP, HR extractions from ECC.
* Integration of FI with MM and SD with Procure to Pay and Order to cash Cycles.
* Good extraction knowledge with Process Order Work Center View – 2LIS\_04\_P\_ARBPL, Process Order Material View – 2LIS\_04\_P\_MATNR, Process Order Component View – 2LIS\_04\_P\_COM.
* Good knowledge and extracted data from HR Module data sources like 0HR\_PT\_1, 0HR\_PT\_2, 0HR\_PT\_3, 0HR\_PY\_1, 0HR\_PA\_1 and 0HR\_PA\_OS\_1 into SAP BW 7.4.
* Expert on BEx Reporting. Worked in front-end Business Warehouse components for Queries, Workbooks, Calculated Key Figures, Restricted Key Figures, Structures, Variables, Exceptions, Conditions, Ad-hoc Queries, BEx Analyzer, Query Designer.
* Experience in working with BW 3.50 Analyzer workbooks and 7.X Analyzer workbooks applications with enhancements using custom VBA code.
* Worked on Customization which includes activating standard Business Content, extending and enhancing Info Cubes according to the requirements, Data Source Enhancements, User Exit Variables, Virtual Key Figures, Start/End Routines and Formula Builder.
* Good Experience of BEx workbooks conversion to 7.X versions.
* Knowledge on SAP Integrated Planning (IP) with SAP Net weaver BW 7.0.
* Modeling Planning Applications using SAP BW Integrated Planning (IP). Created Web Planning Layouts in BW-IP using Input Ready Query and Web Application Designer.
* Extensively worked with Web Application Designer to create Web templates and WADs.
* Proficient on Data Modeling; worked closely with business users for requirement gathering, gap analysis and modeling enterprise data warehouse for addressing long term reporting needs.
* Worked extensively on backend development objects such as Info Cubes, Info Objects, DSOs, Info Sources, Transformations, Multi Providers, Info Sets, Data Marts and Open Hub Service.
* Excellent skills on Performance Tuning on Data loading and Queries performance by maintaining Aggregates, Compression, partition, indexing of Info cubes and use of BW Statistics for the same.
* Designed and maintained BW Process Chains. Scheduled and monitored jobs including Process Chain administration.
* Extensively worked on BWA to improve query performance.
* Good knowledge on IP FOX code.
* Worked extensively on APD (Analysis process Designer).
* Extensively Worked on BW 7.0 Data Monitor; OLTP extraction data, Loading (Full /Delta Up-Load), Error Debugging and rectification, Scheduling, Monitoring, Process Chains, Remote Cubes.
* Used and Created Info Spokes for Open Hub Services.
* Extensive experience in Production support, Data loads, Validation and troubleshooting of transaction data and Master data, Transport Management, Roles & Security, System Checks, Performance tuning and process chains.
* Extensively involved in End User training as well as Developer Training. Created Technical Documentation, Training Manuals etc.
* Worked on transportation of BW Objects from Development system across the landscape through Transport Connection.
* Good Knowledge on SQL Database and SQL queries.
* Involved in BW 3.5 to BW 7.0 (NW2004s) upgrade.
* Involved in BW 7.0 to BW 7.4 on HANA Migration Project.
* Followed and implemented ASAP methodology and System Development Life Cycle (SDLC) process. Involve with the clients and expertise on cut-over activities and enhancements.
* Followed and Implemented Agile methodology and Scrum for end to end project implementation.
* Excellent communication, presentation, and interpersonal skills.

**Non-SAP System Integration with SAP BW:**

* Worked on Integrating Non-SAP tools like EROS, MS SQL with SAP BW system using SAP Business Objects Data Services (BODS ETL tool).
* Written Complex SQL queries to build tables/views on MS SQL environment.

**TECHNICAL EXPERTISE**

Data Warehouse Applications: SAP BW 7.0, SAP BW 7.3, SAP BW 7.4, SAP BW 3.5.

ERP Packages: ECC 6.0, SAP R / 3 Version 4.7 / 4.6C / 4.6B, SAP R/3 FI/CO, 3.0F

Reporting / Design Tools: BEx Query Designer, BEx Analyzer, APD, Integrated Planning, Web Application Designer, Business Objects 4.1, 4.0,3.1, Design Studio 1.1, Web Intelligence, Crystal Reports 2008, Xcelsius 2008, SAP Data Services XI 3.0/3.2, Business Objects Data Integrator 11.7/12.2, Data Quality 11.7.

Programming Languages: ABAP / 4, Java / J2EE, C

IDE's: SAP BOBI Workbench, Eclipse, My Eclipse

Database Technologies: Oracle, MS-SQL Server

Server Technologies: Apache Tomcat, IIS, BEA Web logic

Scripting Languages: HTML, JavaScript, Ajax

Other Tools / Products: Citrix, MS VSS, JIRA, HP QC, TFS.

Microsoft Office Suite: MS Word, MS Excel, Access, MS PowerPoint, Visio.

Operating System: Windows 95 / 98 / 2000 / XP / VISTA / 07, Unix

**RELEVANT WORK EXPERIENCE**

# Lear Corporation 05/16 to Present *SAP BW/ABAP Developer*

**Description:** Lear Corporation (NYSE: LEA) is one of the world's leading suppliers of automotive seating and electrical distribution systems. Lear serves every major automaker in the world, and Lear content can be found on more than 300 vehicle nameplates.

**SAP BW Back-end:**

* Worked Blue-Print Document for SRM to BW Implementation Project.
* Worked with onshore-offshore model as a lead in assisting developers in design plan and Implementation.
* Communicated with business users and BA to gather and replicate business requirements into technical requirements and delivering solution.
* Developed Generic Extractors in SRM system to replicate it to BW on Custom Z-tables.
* Appended standard data sources with Custom fields in SRM system for BW reporting Purposes.

**Environment**: SAP BW 7.4**,** WAD 7.X, SRM 5.0.

# DuPont Pioneer, Johnston, IA 01/15 to 05/16

# *SAP BW Developer*

**Description:** DuPont Pioneer organizes business operations into several key areas: enterprise, regions and business units. Functional support is provided across all areas of the business. Our structure allows us to conduct work faster and more efficiently to ensure that our efforts are focused on business, which ultimately results in improved customer productivity and organization success.

**SAP BW Back-end:**

* Worked on full lifecycle implementation starting from requirements gathering, functional specs, technical specs, designing, developing, and support.
* Worked with onshore-offshore model as a lead in gathering Business requirements from the users and writing Functional Specification for the same.
* Communicated with business users and BA to gather and replicate business requirements into technical requirements and delivering solution.
* Worked on one DuPont-Pioneer BW Consolidation project and Profit Tracker retirement projects.
* Worked on several other small projects involving BW upgrade, Modules Integrations, creating P&L Reports etc.
* Also worked extensively on BW-Integration planning(IP) using RSPLAN Transaction and created many input queries using Bex Designer for planning purposes.
* Created Planning functions, Planning sequences in BW-IP module using RSPLAN transaction for budget and forecasting reports.
* Created several sales input reports for Planning Module using BW-IP.
* Modeling various objects like Info Object, Info Source, Info Cubes and DSO Object.
* Created Data Transfer Process (DTPs) to transfer data within BI from PSA (Persistence staging area)
* Generated Transformations from Transfer rules and update rules in the process of Migration of data flow from 3.5 to 7.0
* Implemented Start and End routines within Transformations using basic ABAP language.
* Document test plans and complete Unit Testing of developed reports.
* Created DTP’s to load data from Flat File via Data Source into Staging DSO and in initialize by Full & Delta process.
* Used BEx Analyzer to Create Queries with Variables, Filters, Calculated Key Figures, Restricted Key Figures, Exceptions, Conditions with Charts and Worksheets.
* Extensively worked on Web Application Designer to create Portal pages using Java and HTML Scripting.

**SAP Bex Designer/Analyzer:**

* Used BEx Designer to Create Queries with Variables, Filters, Calculated Key Figures, Restricted Key Figures, Exceptions, Conditions with Charts and Worksheets.
* Extensively worked on Web Application Designer (WAD) to create Portal pages using Java and HTML Scripting.
* Document test plans and complete Unit Testing of developed reports.

**SAP** **Business Objects front end:**

* Developed Webi Reports as per the business requirements.
* Developed Webi Reports (on demand, AdHoc Reports, Frequency Reports, Summary Reports, Sub Reports, Drill-Down, Drill-through Cross-Tab).
* Worked on various Business Object Reporting functionalities such as Slice and Dice, Master/detail, User Response function and different Formulas.
* Created custom hierarchies to aid in Drill-Through analysis of WebI documents and built cascading prompts.
* Created two complex dashboards which use live office to feed the data into Xcelsius from the source webI reports.
* As a part of One DuPont Integration Project, Business want to see all sales reports which are divided based on Business units from New Tool Design Studio.
* So for this purpose we have created some analytical views in HANA using SAP ECC source and by using Analytical views and SAP BI cubes as data source for Design Studio 1.6 we created crosstab reports and also charts as per business requirement.
* Included many Dimensional filters which gives option to users to filter from wide range and according to their needs.
* And also for some planning reports we created input fields which enable users to input their planning values into the reports.
* We also added many decor items which automate process of loading like load Button, save button using Radio Button Group available in Design Studio.

**Environment**: SAP BW 7.4**,** SAP BW7.0, WAD, 7.0, Design Studio 1.6, Lumira, SAP BW Integration Planning, SAP Business Objects 4.1, FOX Code, Bex Analyzer & Designer, WAD, Agile Methodology, TFS, HP Quality Center(HPQC).

# CDPHP, Albany, NY 11/12 to 01/15

# *SAP BW Developer*

**Description:** CDPHP (Capital District Physicians' Health Plan) Founded by Capital District physicians, as an award-winning health benefits provider, CDPHP commitment to patients remains at the very heart of our doctor-directed company. CDPHP provide quality health care at a reasonable cost to the subscribers and operate CDPHP as a model for the delivery, financing and administration of health care services.

**SAP BW Back-end:**

* Exposed to full lifecycle right from BW configuration, modeling, analysis, design specification, development, performance tuning and maintenance.
* Played an important role in documenting the Business requirements from the users and writing Functional Specification for the same.
* Involved in finalizing functional requirements using RTM through conducting Gap analysis.
* Responsible for successfully delivering and writing SAP business training documents for SAP ECC 6.0 cross functional applications.
* Extensively involved in creating the Test Scenarios, Test Cases & Scripts for the business users to conduct UAT and BSA testing in HPQC and also tracking the defects in HPQC.
* Installed, configured, maintained Tableau Environments; DEV, QA, and Production.
* Responsible for maintaining User and Group permissions across servers and dashboards.
* Assisted and worked on Web templates, aggregation levels and planning functions for the implementation of Integrated Planning on this project.
* Perform and document gap analysis. Prepare estimates for Global SAP and BW system Integration project.
* Modeling existing and integrated system processes and data flows.
* Performed extensive FI-GL, AP, AR, CCA, PCA and CO-PA extractions. Used CO-PA structures for sales trace overview to facilitate the data extraction to BW.
* Involved in production support for CCA, PCA, CO-PC, GL, FI-CO, AP, AR modules.
* Extensively used BW standard business content extractors to extract data from SAP R/3 to BW and performed enhancements to accommodate business needs.
* Created split APD’s based on query variants to handle large volumes of data.
* Created local process chains to add the split APD variants and finally added the local chains in metachain.
* Created Balance Sheet - Monthly and Quarterly Breakdowns, Profit & Loss Reports for financial accounting needs.
* Involved in Extended Star Schema Design using multiple dimensions and fact table.
* Created data sources using generic and application specific extraction (LIS) for SD and MM modules and loaded the business content.
* Designed and developed Info cubes, Info Sources and loaded data from SD module to BW.
* Used ABAP Routines in Update rules & Transfer Rules to update characteristics and Key Figures in the Info Cubes.
* Created Info Packages and Info Package Groups to do Full, Initial, and Delta extraction for both Master and Transaction data.
* Created Sales reports like Monthly Sales, Sales Growth, and Revenue by location and by product.
* Analysis included reviewing SAP R/3, FI functionality, transactional data, CO-PA configuration & functionality.
* Created custom CO-PA Cube, ODS, Data Mart to satisfy business requirements.
* Managed and monitored several data loads. Optimized load performance by adjusting the packet sizes.

**SAP Bex Designer/Analyzer:**

* Extensively used BEx analyzer, created queries with variables, filters. Used RRI feature to jump between the queries to analyze the data.
* Used BEx to create reports with exceptions, conditional formatting, restricted key figures and calculated key figures.
* Created WADs using Web application designer.

**Environment:** SAP BW 7.0, WAD 7.x, SAP ECC, FI-CO, SD, APO, ABAP/4, HPQC, UAT Testing, End-user Testing, Agile Methodology, JIRA.

# Cognizant, INDIA 05/09 to 06/11

# *SAP BW Developer*

**Description:** Cognizant Technology Solutions Corp is an American multinational corporation that provides custom information technology, consulting, and business process outsourcing services.

**SAP BW Back-end:**

* Analyzed, Enhanced InfoCubes, ODS in standard delivered Business Content in SD, MM and FI/CO with specific requirement to the client’s business process.
* Created custom cubes, MultiCube for customer and vendor cycle core returns, sales order item/quantity Sales order header for fill rates, custom ODS, Custom InfoSources.
* Worked on standard InfoSources from the Business Content for MM – Purchasing for Transactional data.
* Worked on data extraction, LO-Cockpit, CO-PA.
* Worked on R/3 Data Extraction Enhancements.

**SAP BO Front-end:**

* Involved in creating various data marts from data warehouse and generated reports using Business Objects
* Analyzed the existing database and used Business Objects Designer Module to build Universes, Joins, creating prompts and queries, integrity check the Universes, applying contexts and alias tables to remove cyclic dependencies
* Involved in Importing/Exporting the Universes to repository to make it available to the users.
* Up gradation of reports from Business Objects 6.x to Business Objects XIR2
* Extensively used database connections, SQL joins, cardinalities, loops, aliases, views, parsing of objects and hierarchies.
* Responsible for creation of many reports such as - Reports by Product, Reports by Customer, Reports by Period and Comparative reports.
* Created reports using the Universes, Stored Procedures and Free Hand SQL as the data providers.
* Generated various numbers of reports on a daily, weekly and monthly basis
* Created various reports using Business Objects functionalities like Alerts, Queries, Slice and Dice, Drill down, @Functions, Cross Tab, Master Detail and Formulas etc.
* Created Users and Users Groups and assigned profile to Users using Supervisor.

**SAP Bex Analyzer/Designer:**

* Worked on Front end, Queries, BEx Analyzer and presenting the result in workbook for Reports based on Info Cubes, ODS Objects and published the Web with Drill down features.
* Query development using BEx Analyzer/Browser, developed flexible queries using filters and navigational attributes to facilitate data analysis in a drill down or summarized way.

**Environment:** Business Objects XI R2/6.5.1(Supervisor, Designer and Reporter), Toad, Oracle 9i and SQL Server 2005, SAP BW 3.1C, SAP R/3 4.6C, SD, BEx Analyzer, Query Designer.

**EDUCATION QUALIFICATIONS**

* Masters of Sciences in Computer & Electrical Engineering, Cleveland State University, Cleveland, Ohio, USA-2012. **GPA 3.55**
* Bachelor of Technology, Electronics & Communication Engineering; Jawaharlal Nehru Technological University, Hyderabad, Andhra Pradesh, India-2011. **73%**

**AWARDS & CERTIFICATIONS**

* Agile & Scrum Trained Certification (Internal)- DuPont Pioneer.
* SAP Certified Application Associate- Business Intelligence with SAP NetWeaver 7.0.
* Best Innovative Award – DuPont Pioneer.
* Second runner-up in Mission-Intermission Technical Quiz Competition Conducted by Cognizant.