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**Phani Raj Nedunuri**

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**Education**

Texas A&M University, Commerce, TX

**Master of Science, Industrial Engineering**

**SAP BO - SAP Certified Application Consultant**

**SAP HANA - SAP Certified HANA application consultant.**

**Technical Skills**

**BI/BOBJ Tools:** BOBJ BI 4.1,4.0, Business Objects XI 3.1/3.0/XIR2, Xcelsius 2008/4.5, Dashboard Design, Crystal Reports 2011/2008, Universe Designer, WebI, DeskI, Live Office, QaaWS, BICS, BOBJ Explorer/Polestar XI 3.1, CMC, CMS, InfoView, BI Launch Pad, Import Wizard, Upgrade Management Tool, LifeCycle Manager (LCM), Report Conversion Tool, Analysis – Edition for Microsoft Office, Integration Option for Microsoft SharePoint – IOMS.

**SAP ERP:** SAP ECC 6.0/5.0, R/3, 4.7/4.6c SAP CRM, API, SCM.

**Operating Systems:** Windows, Unix, Linux.

**ETL Tools:** SAP BI 7.3/7.0(BW 3.5), SAP BODS XI 3.x/4.0, Informatica.

**Databases:** SAP HANA 1.0, Oracle 11i/10g/9i, MS SQL Server 2008/2005, MS Access 2000, My SQL and Oracle DBMS, Sybase.

**Language:** ABAP/4, C, C++, HTML, SQL, PL/SQL, XML, Tomcat.

**Professional Summary**

SAP Application Architect/Lead with more than 11 years of SAP experience including SAP BW 7.3, and Business Objects 4.0 , SAP ECC ,Enterprise portal and SAP HANA for various industries. Highlights include:

* Involved in multiple Full life cycle Implementations with exposure to all phases of project from business process prototyping, Blueprinting, Configuration, Development, Integration Testing, Cutover and Training to Go Live.
* Responsible for providing end to end solutions to clients, transitioning and sustaining production support activities, defining Project Standards, Development of Architecture, Review of Design, GAP Analysis, Project Schedules, Team Management, ensuring optimum utilization of resources and complete delivery within budget.
* Roles: SAP BI/BO Consultant, SAP BW Technical Lead, SAP BW/BO Integration lead, SAP BW/BO Techno Functional Consultant , SAP BO Administartor.
* Lead Experience: Experience in successfully managing and leading teams for Four (4) Years in SAP BI, BO, CRM, COPA and APO-DP by leading the business team to drive projects through full development cycle with excellent business analysis skills.
* SAP BI/BOBJ 4.0/BODS: Expertise in integrating BOBJ reporting tools includes WEBI, Crystal Reports, Xcelsius/Dashboard Design, Explorer, Business Layer, and Data Foundation in the Universe/Information Design Tool. Completed multiple full End-to-End BOBJ lifecycle implementations. Extensive experience in loading and data staging of SAP and non-SAP data .
* Expert In END to END integration between BO-BW building BICS connections, OLAP connections using SAP BOBJ integration kit.
* Extensive Project experience in BOXI 3.1/4.x Landscape Planning, Designing and Implementation. Worked on end to end migration of the Business Objects from lower versions to XI R2, 3.0, 3.1, 4.0,4.1
* Expertise in Business Objects tools (CMC, Universe Designer, Supervisor, Reporter, DESKI, WEBI, CMC, Dashboard Manager, Broadcast Agent, Infoview (BI Launch Pad and Import Wizard)
* SAP BI 7.3/7.0/BW 3.5 Expertise in Data Modeling, Extraction, Transformations, Loading & Scheduling and developing its components including designing and configuring back-end components including infoset query Extractors, InfoObjects, Start and end routines, Hierarchies, InfoSources, Update Rules, Transfer Rules, Transformations, InfoCubes, MultiCubes, Multi Providers, Remote Cubes, Transactional Cubes, Data Marts, ODS/DSO, InfoSets, InfoPackages, and Data Transfer Process (DTP) and their types and among others.
* Expertise in Data Source Enhancement, Generic Extractors, User Exits, Data Loading, Scheduling, Monitoring, Process Chains, Multi Providers, Info Sets, Remote Cubes, Data Mart and Open Hub Service.
* HANA : Worked on data loads to SAP HANA with Data Extraction Transfer Loading (ETL) using SAP BOBJ Data services 4.0.
* Worked on SAP HANA data provisioning and using SAP LT replication server (SLT).
* Experience with HANA migration Worked on switching existing BOBJ 4.x reports to HANA
* Experience with SAP Native HANA data modeling using Attribute View, Analytical View and Calculation view.
* Experience with SAP HANA programming including SQL, SQL Script, and CE Script.
* Worked on SAP HANA administration including managing schemas, data model objects, import/export content.
* Worked on SAP HANA security including User Management, roles and Privileges.   
  Created Decision tables in SAP HANA as per requirements.
* Extensively worked on SAP HANA Analytical privileges, granting access and restrictions to users on various views within the data modeling.
* Experienced with creating aggregates, compression and partitioning, BW Upgrade and Performance Tuning in BI/BW, Net weaver 2004s environment and migration from BW 3.5 to BI 7.0 and upgrading to 7.3. BW Report Design, Query Design, KPI Reporting, Testing, and Performance Tuning
* Worked on building Universes on BEx Queries and Reports generation using Crystal Reports, ASAP methodology and procedures of SAP R/3 implementation, SRM,SCM, CRM, FSCM, ECC, FI-GL, AP, AR, AA & CO-PA modules.
* Crystal/WEBI Reports: Extensive Experience in developing reports in Crystal reports XIR2 using Business Views and Xcelsius and expert in creating multifaceted Ad-Hoc reports using Business Objects, Web Intelligence and Desktop Intelligence and designing of Dashboards in Xcelsius. Completed several crystal report projects at major customer sites. Major responsibilities include getting requirements from the user and developing Crystal Reports. Maintaining proper documentation of the reports for future reference.
* Complete end to end sap portal integration with SAP BI tools. Extensive experience in configuring and running enterprise portal solutions with end to end security design.
* Experience in assigning user roles groups, adding users to the groups, access security rights. Worked on creating and maintaining users in the LDAP /Windows Active Directory and providing them single sign-on capabilities using Kerberos and Linux/Windows system.
* Provided technical/functional and analytical expertise in responding to complex, specialized report
* Training: Training & Supporting End-Users requests requiring higher-level data analyses and data management services. Created training manuals for the super users and end-users. Involved in presentations, end-user training, documentation and GATE reviews.

**Experience**

MD Anderson Cancer Research , Houston, TX 08/2014 – Present

**SAP BI/BOBJ Lead/Architect**

* As lead SAP BOBJ BI Consultant involved in Multiple SAP BOBJ BI Integration Project in Multi Data Sources environment. Primarily Migrate SAP BO XI 4.0 to BO XI 4.1 with Upgrade management tool & Design multiple Financial & operational optimized Reports backed by SAP HANA 1.0 SP7. The project revolves around creating BICS Connection, developing Webi Reports, Crystal Reports, and expose BIWS to create Dashboards .
* Interacted with the management and business Decision-makers to identify business requirements. Document reporting needs of the Business Service and Support Organization and disseminate those requirements into a data warehouse strategy resulting in both operational and analytical reporting.
* Working with SAP BOBJ Business users and involved in requirement gathering, analysis and creation of best practices architecture.
* Experience in creating universes using information design tool 4.x and also connecting to multiple data sources.
* Involved in complete end to end Migration of BOXI 3.1 to 4.0.Extensively worked on converting universes (.unv ) to (.unx).

Report Migration from OLD universe to New universe

* Prepare Road Map of Complete Upgrade Process of BO XI 4.0 to BI 4.1.
* Upgrade UNV Universes to UNX universes using Information Design Tool, Resolved the issues in the migration process.
* Involved in developing, designing and maintaining new and existing universes by creating joins and cardinalities responsible for creation of the universe with Classes, Objects and Condition Objects.
* Modified BW queries in to generate WEBI reports using BI Launch Pad in BO to meet user requirements.
* Used Variables, User defined objects, Scope of analysis, Drill mode, Slice and dice mode, Prompts, and Conditions to make reports accurate and easier for analysis.
* Created & schedule Crystal reports and deployed them through BI Launch Pad with With various databases as source.
* Created complex dashboards on Bex Queries using Query Browser using BIWS & QAAWS in Dashboard designer 4.0 Understand the requirements through Conceptual Data Model, Logical Data Model and Physical Data Model of Southwest EDW platform and implement the same in HANA using best practices.
* Configured SLT between SAP and  HANA System for POC and reporting requirement.
* Experienced in SAP HANA Data Provisioning and using SAP LT Replication Server (SLT)
* Experienced in SAP HANA data modelling using Attribute View, Analytic View, and Calculation View,
* Experienced with SAP HANA Upgrade SPS05 to SPS07.
* Extensive experience developing HANA Artifacts (models) like attribute views, analytic views, calculation views,database procedure in the SAP HANA Studio platform using Native HANA modelling.
* Creating the database procedures and script based calculation views using HANA programming languages like SQL Script and CE functions or native SQL.
* Developing the required Analytics solution using Business Objects(BI 4) tools like IDT, Web Intelligence, Lumira etc.
* Implemented SAP HANA Security including User Management, Roles, and Privileges.
* ETL experience with data mapping, harmonization and Integration with existing data sources.
* Developed SAP HANA and GIS (Geographic Information System)
* Created BODS packages to pull data from various sources into SAP HANA.
* Created objects in SAP HANA like tables, index, stored procedures etc.
* Translate customer requirements into formal requirements and design documents, establish specific solutions, and leading the efforts including programming and testing that culminate in client acceptance of the results.
* Utilize in-depth knowledge of functional and technical experience in SAP HANA and other leading-edge products and technology in conjunction with industry and business skills to deliver solutions to customer.
* Responsible for effective communication between the project team and the customer. Provide day to day inputs to junior team members and regular project status to the customer.
* Communicate complex technical topics to management and non-technical audiences.
* Environment: HANA 1.0 SP5,SAP BI 7.3/7.x/3.x, ECC 6.0, BEx, BO 4.1,4.0/3.1, XCelsius, WEBi, BO Explorer, Data Federator, Visual Composer, Remedy, Oracle 11g,Sql Server.

Southwest, Irving, TX 07/2013 – 08/2014

**SAP BI/BOBJ Lead/Architect**

* Responsible for facilitating the successful delivery of BI solutions via a variety of methods including, but not limited to: setting solution standards, supporting ongoing system development, refining solution documentation, developing training materials, and mentoring other application team members and Solution Engineers as needed
* Provide quality assurance support to all active projects through a combination of onsite support and remote assessment of system configuration and project deliverables.
* Leverage a full range of skills and effectively self-manage in project work, both internal and customer-facing.
* Participate on SAP project teams in a quality assurance capacity
* Responsible for ensuring that full-time project team members have the necessary tools, knowledge, and content to successfully deliver solutions .
* Solely design, implement and support SAP BW/BO on all client projects and internally
* Designed and developed various aspects of HANA modeling including creating schemas and importing source system metadata, creating attributes, measures, hierarchies and developing Information Models with Attribute Views, Analytical Views and Calculation Views.
* Provide technical expertise to support SAP BI/EPM reporting and BW integration using HANA/RDS models and Data Services to improve and implement data modeling, cube construction, extractors for loading of DSO, and BEX query development.
* Lead and actively participated in end-user requirement gathering and conversion to data models mentioned above.
* Involved in installation and configuration of BO Enterprise XI 41 components, BI Launch Pad, Dashboard Designer, Crystal Reports for Enterprise, Live Office, Webi, Advanced Analysis for Microsoft office and OLAP.
* Interacting with users for customized and standard reports, gap analysis and associated solutions. Designed and developed functional specifications, technical specifications for BOBJ reporting on top of SAP BI/BW, PCM and HANA as per the system landscape.
* Interacted with and end-users in architecting reporting solutions by understanding the requirements and writing universe, report and Dashboard specifications.
* Involved in complete end to end Migration of BOXI 3.1 to 4.0.Extensively worked on converting universes (.unv ) to (.unx).
* Was involved in planning and design of a best suitable migration startegy to convert 1400+ universes and close to 4000 reports as a part of upgrade from 3.1 to 4.0.
* Report Migration from OLD universe to New universe
* Used Information design tool to create connections to SAP HANA databases, Create data foundations, Create Business Layer and publish these connections and layers to the SAP BO repository
* Created reports by connecting to IMCE from SAP Business Objects Explorer
* Monitored Job Loads, Expensive SQL statements, landscape systems using administration console, optimized queries using CE Functions, SQL Plan cache, Explain Plan and Visualize Plan functionalities.
* Checked the error logs, tables and memory usage, buffer statistics, system logs, security audit logs.
* Monitored the growth of database, and checked file system usage.
* Performed security check, and checked the profile parameters for password standards, checked the list of prohibited passwords.
* Performed disaster recovery, restored the entire system on a disaster recovery test system.
* Interacted with Project manager and end-users in architecting reporting solutions by understanding the requirements and writing universe, report and Dashboard specifications.
* Created OLAP Universes on SAP data (Info cubes / BEx queries) using the Information design Tool.
* Created Webi reports and Dashboard reports using SAP BO XI 4.0
* Created Webi reports with appropriate filters and prompts for user inputs.
* Expert in using Business Intelligence tools like Business Objects XI4.0 to build complex universes and Reports , Charts on Multiple databases ( Data Providers) and experience in development , testing and implementation.
* Deployed universes to different environments like QA , Training and Production..
* Designed and Developed BEx queries against the cubes and multi providers from CRM,GL, AR, AP, HR, Payroll and budget areas.
* Involved in workshops resulting in completion of requirement gatherings and design commitment using ASAP Methodologies.
* Developed the Daily Sales Reporting for NSM(National Sales Manager), AM(Area Manager), RM(Regional Manager) and Sales Reps for the US and Europe Regions.
* Involved in gathering, analyzing, documenting business requirements, and functional requirements and data specifications for data migration using BODS and BO Universes and Reports.
* Experience in design and developed various Jobs, work flows, data flows for initial and Delta Run for ETL jobs.
* Extracted Data from all the Relational Databases including SQL server and loaded in different environments which include SAP CRM/ECC, BW, SQL SERVER, and .txt & .CSV files.
* Migrated jobs, rules, tables between DEV, TEST, and Pre-Prod and to PROD, & scheduled the jobs.
* Worked on the Data Quality, Data cleanses transformations for cleansing the data.
* Developed number of Complex data integrator Mappings and Reusable Transformations to facilitate Daily, Weekly & Monthly Loading of Data
* Designed end to end integration between BOBJ tools and SAP BW. Hands on experience with Central Management Console and Launchpad/InfoView.
* Involved in the creation of new universes as part of the BW-BO integration plan. Created new Universes for standalone reporting as well using BO.
* Created universes on top of SAP BW and OLAP BICS connection using Information Design Tool.
* Created complex Webi reports in BI Launch pad by using multiple BEX queries through with linking summary and detail reports, merging dimensions from multiple queries, created calculated measures, custom sorting, query and report level filters, and input controls.
* Created jobs and promoted the reports using Life Cycle Management tool from Dev to QA to Production.
* Designed Dashboards by connecting to bex queries using query browser, previewed the query results, directly bind the query data to the components, multiple drill downs, dynamic visibility, alerts for guages and scorecards.
* Created informations space and Facets in Explorer using universe.
* Involved in daily Support activities and performance management to enhance the BW application.
* Extracted the data from SAP and other plan data from non-SAP systems and flat files.
* Activated the other data sources using User Exits and transaction code RSA5.
* Migrated the data sources in BW and replicated the metadata for data sources.
* Activated Business Content Objects for Transaction Data and Master Data such as DSO's and InfoCubes related to General Ledger, Accounts Payable, Accounts Receivable.
* Configured Info Package for full load and delta update.
* Worked extensively on LO Cockpit. Loaded the data from R/3 to BW and used Initialization with Delta Update and Full Update methods.
* Worked with standard and custom InfoCubes, InfoObjects, InfoSources, DSO, Multiproviders, Extraction Process (LO Cockpit, LIS)Worked extensively with Data Warehouse Workbench for Modeling, Monitoring, Scheduling DTP-Info package and Process chains.
* Worked extensively with the Sales Order and Billing items Data Sources, Custom Info cubes and Custom DSO Objects for staging the billing and Sales order item data.
* Performed Data loads for Transaction, Master Data from SAP R-3 using Process Chains.
* Created Data Target, Info Provider, Info Cubes, Char and key Info Object Catalogs and Info Objects.
* Used Navigational attributes, Filters, Exceptions, Conditions, Variables, Hierarchies, Calculated Key figures and Restricted Key Figures.
* Created Aggregates on the Info Cubes 0FIGL\_C01, 0FIAR\_C02, and 0FIAP\_C02
* Created a custom cube for sales overview and commisions.
* Enhanced Standard and Custom Extractors to drive the data from ECC to BI System.
* Created Sales and Delivery, Billing Info Cubes 0SD\_C01 and 0SD\_C03 for sales overview.
* Activated the business content cube for MM module 0PUR\_C01, 0PUR\_C02.
* Created Process chains for different data flows. Manage data targets by having the correct data analyzed the errors in the data loads while monitoring.
* Executed the DTP to load data into info provider.
* Involved in creating and maintaining Info Cubes, Operational Data Store, PSA, Info Objects, Info Areas, Multiproviders, Info Sources, Data Sources, and InfoPackages.
* Maintained Info Cube, Update Rules and Creation of Info Package and scheduling the data into the Data Targets.
* Uploaded Master Data and Transaction Data from R/3.
* Designed and created Process Chains for master and transaction data loading from flat files.
* Worked on Calculated Key figures and Restricted Key Figures.
* Created Hierarchies to display data at different Node Levels when designing variance and trending reports using BEx Drill downs.
* Environment: HANA 1.0 SP5,SAP BI 7.3/7.x/3.x, ECC 6.0, BEx, BO 4.1,4.0/3.1, XCelsius, WEBi, BO Explorer, Data Federator, Visual Composer, Remedy, Oracle 10i.

Allergan, Irvine, CA 07/2011 – 07/2013

**SAP BI/BOBJ Lead/Architect**

* Involved in full life cycle implementation, which includes Gap Analysis, Requirements gathering, Blue printing, Development, Testing, Reporting, Go-live and Post Go-live support.
* Interacted with the end users to understand their reporting requirements and creating document of understanding the business challenges and translating them into requirements and developed Analytics and Reporting Queries according to Business Requirements.
* Extensively worked on Data design and Data modeling using Extended Star Schema.
* Extensively worked on Global BW Project which is handle a large volume of data (EMEA/APJ/NA) with multiple portfolio.
* Involved in gathering, analyzing, documenting business requirements, and functional requirements and data specifications for data migration using BODS and BO Universes and Reports.
* Experience in design and developed various Jobs, work flows, data flows for initial and Delta Run for ETL jobs.
* Worked on assessment , Planning and implementation of BOXI migration from 3.1 to 4.0.
* Used standard LO cockpit extractor for sales order, delivery, Purchasing and billing and created generic data sources to load data into the info provider.
* Extensively Worked on SAP ECC Extraction of MM, SD, IM, and FI/CO, CO-PA, HR, CATS and PM LO-Cockpit.
* Used the standard LO cockpit extractor and good understanding of Purchase order, Goods receipts, Invoice receipts, sales order, delivery and billing and created generic data sources to load data into the info provider.
* Installed and modified Business Content Extractors like, 2LIS\_02\_ITM, 2LIS\_11\_VAITM, ZEBAN\_TRAN (ARIBA) and to fulfill the gaps identified in the Business Requirements gathering by adding the custom fields and writing the ABAP Code as per business requirements.
* Extracted data from non-SAP source system using DB connect and flat files interface.
* Open Hub interface to transfer data from BI to Flat Files to load to an external system.
* Customized extract structures in SAP R/3 by adding additional fields and co-ordinate in developing the corresponding user exits to populate those fields. Worked extensively with LO Cockpit to activate required logistics data sources and good awareness of delta management.
* Created Transformation Routines, Start Routines, End Routines and Expert Routines as per the requirement and for the lookups from one DSO to other. Testing and Debugging of routines.
* Built aggregates, Indexes, enabled BIA, phased out and re-enabled few aggregates.
* Implemented the Source level CDC while loading data into SAP BI info objects and info cubes and OSDs.
* Created Info providers, Process Chains and Meta-Chains for periodic upload of Text data(Tax code), Master data (Vendor master, Cost center, Profit Center, Company code and Hierarchies, Transactional data and Monitored data loads with full update and delta mechanisms during SLA regular loads kicks up.
* Extensively Worked on Update rules, Transfer rules for 3.x data sources.
* Architected Info Providers and data models in both standalone HANA environment and BW Powered by HANA environment (Ramp-up).
* Performed data modeling and developed Analytical views for the transactional data, Attribute views for the master data, and the calculation views (both Graphical & SQL script based) & SAP HANA Data Provisioning using SAP LT Replication Server (SLT) as final model in HANA Studio.
* Good exposure on Schemas, table definitions, Attributes, Measures & Hierarchies, SQL and SQL Script in HANA.
* Migration of BI 7.0 Objects and BWA version upgraded into BI 7.3 then moved into HANA 1.0.   
  • Migrated existing DB (SQL DB) into HANA DB.
* Monitoring and troubleshooting data loads.
* Worked on RDS to implement ETL Replication and also using Rapid Marts for SAP road map.
* Good Knowledge in SAP HANA security including User Management, Roles and Privileges.
* Load/Replication of data into SAP HANA Environment using SLT and Business Objects Data services.
* Strongly Developed various Workflows and Data flows using BODS where the data is extracted from the sources including Oracle 11g, SQL Server 2008 and SAP ECC 6.0 then loaded into staging tables from staging tables data loaded into relational tables and from Relational tables data .
* Created WEBI reports & Crystal reports and deployed them through Info View with Universe as Source
* Imported/ Exported the Universes from/ to repository to make them accessible to end-users.
* Worked on wizard based creation of data models and data flows in SAP BI 7.3.
* Worked on the new functionalities of SPO, Hybrid provider, Transformations, Info package, DTP, Open Hub service, Process chains, improved data loads for DSO & Master data in SAP BI 7.3.
* Used BI 4.0 to create WEBI and Dash Boards Reports against HANA data models.
* Created inventory accuracy Dash Boards (Xcelsius) and for management reports for inventory management and wages and costs report from cost center accounting.
* As a part of the production support, involved in the debugging and monitoring load failures, update routines, transfer routines, process chains, scheduling data loads, solving the high priority tickets like delta loads, planning ECC outage for filling up of setup tables.
* Created and enhanced new and existing Analysis Process Designs (APD) to load the data in to direct update DSO and further into Metrics using DTP's.
* Actualized various types of BEx query variables including User exit, Replacement Path, Text and formula variables and Various Currencies types.
* Extensively worked on Query building, filtering, free Characteristics, RRI-Jump queries, Restricted Key Figures and variables, Calculated Key Figures, Conditions, and Exceptions using BEX Analyzer.
* Created many test cases and test scenarios for Unit testing, Integration testing of many BI reports. Conducted many training and Brown Bag sessions to help the end client understand the SAP BI system and also to gather the requirements.
* Planned the cut over activities before go live and performed the downtime activities.   
     
  Environment:SAPBW/BI3.5/7.0/7.3, SAPECC6.0, SAPHANA1.0, BOEXI3.5SP5, BO4.0.ABAP/4, SD, MM, HR, FI/CO, PS, CATS, PM, BEx Query Designer, BEx Web Analyzer, BEx WAD, BEx Report Designer, Enterprise Portal

Ingram Micro 10/2008 – 05/2011

**Sr. SAP BI/BOBJ Lead/Architect**

* Responsible for developing BI data models and designs, configuring custom and delivered BI content, analyzing BI reporting requirements, developing detailed reporting specifications.
* Analyzing the Function Inputs. Interacting with functional team to resolve the issues in the given objects.
* Development of technical specifications for the developments assigned.
* Responsible for design & develop solutions using SAP BODS for Data Migration jobs.
* Ensuring a high quality solution for all the delivered objects to the client within the schedule.
* Involved in activating Business Content for Standard Info Objects, DSO, InfoCubes related to FI, CO-PA, SD and QM.
* I was involved in the Proof of concept of Business objects 4.0 at the client location, implementing the various tools and co-relating them to Business use cases.
* Created OLAP Universes on SAP data (Info cubes / BEx queries) and Relational Universes on Non-SAP data using the Universe designer Tool
* Created detailed reports with Drill-down capability using Interactive Analysis, worked on Ad hoc Query, Reporting, and Analysis
* Broadcasted and scheduled reports (Crystal and Interactive Analysis) to individual recipients using BI Launch pad scheduling functionality.
* Worked on CMC to create User-groups and worked on security rights.
* Worked with Admin Team to integrate Dashboards, Reports into Enterprise Portal and BI Launch Pad for end user access.
* Configured the sap interactive reporting for CRM reporting related to Interactive reporting for sales, interaction center, and service ,Sales managers can use extensive characteristic and key figure sets to put together interactive CRM reports for ad hoc analysis of the following areas:
* Quotations, Sales orders, Sales contracts, Opportunities, Sales activities, Service requests, Complaints
* Once these reports are designed and developed in Crystal, All formatting is validated in DB then to QB and then moved to PB using BW publisher
* Involved in defining security roles to the users.There are different groups like Back Office, Inventory, Merchandise, Supply Chain, and Flash users. So to get access to their particular folders in Info view; imported all SAP roles into BOBJ in CMC.
* Involved in training end users from different departments as how to use Crystal and WEBI reports.
* Performed Unit testing, system testing and user acceptance test for universes, reports and security management.
* Set-up, presented and created reports on SAP Mobile platform using the SBO Explorer and Webi application on the Apple I Pad and I phone.
* Created Function modules Generic Extractor for Routing Master data and extensively worked on complex routine involved to meet the user requirement for Routing comparison data.
* Was involved in creating many complex OLAP variables, DTP routines.
* Worked on Capacity Information Extraction from APO live Cache through Function module Generic Extractor and developed complex program for User selections criteria.
* Worked on CO-PA redesign, which involves addition of more fields with complete different flow and was involved in complete end-to-end testing for all the developments assigned.
* Worked on Partitioning of Infocubes to meet the performance requirements.
* Worked on CVC dataflow, which involved complex lookup's from DSO's and master data in the routines.
* Created many Hierarchy, text and attribute datasources with the flow and did complex look-up from the master data tables.
* Build Transactional and Master Process Chains for periodic upload of data.
* Query development using the BEx Analyzer/Browser, Developed flexible queries using filters and navigational attributes to facilitate data analysis in a drill down or summarized way.
* Created Universes over BEx queries and Info cubes of SAP BI using Universe Designer.
* Extensively Worked in SAP Live Office to create connections b/w WEB I and Xcelsius Dashboards.
* Extensively worked on SAP QAAWS used in mapping data directly from Universe to Xcelsius Dashboards.
* Created Three Xcelsius Dynamic Dashboards over SAP BI data.
* Created Web I reports with Complex Calculations to get Alerts.
* Worked In creating Variables, Prompts in web I.
* Worked on tickets and tasks such as load monitoring issues, user issues and enhancements of existing objects.
* Environment: SAP BI 7.0/3.5, ECC 5.0/6.0,BO 4.0/3.1 SD/MM/IM, WEBi, BEx, R/3 4.6c, SAP ABAP, BI Content.

State of Michigan 03/2007 – 10/2008

**Sr. SAP BW/Business Objects Integration Technical Consultant**

* Interacted with business end users to gather requirements.
* Prepare High Level ETL design – Process Flow, Source to target mappings, design of data standardization, de-duplication and Cleansing modules for subscriber, data validations, plan for historical data analysis and modification.
* Prepared strategy, scoped, collected business requirements, analyzed the process to be modeled.
* Modelled and worked on integration between BOBJ tools and SAP BW
* Managed the project integration activities and overall completion of deliverables.
* Developed universes in BO against the queries/cubes in BW.
* Developed WEBi reports, dashboards and managed the delivery of reports as well.
* Used BO Designer Module to implement Universes, linkages between tables, creating prompts and queries, parsing the Universes, applying contexts and alias tables to remove cyclic dependencies.
* Created simple and complex reports including dynamic calculations involving Contexts, Queries, Hierarchies, List of Values (LOVS), local variables, Alerts, Ranking and multiple data.
* Developed master data structures and synchronized them across various systems.
* Enhanced the standard BI Content datasources using SAP ABAP and CMOD.
* Developed transformations to eliminate records for particular movement types and update transactional data by reading data from Material master using End routines in update rules.
* Involved in identifying the transactional datasources, customizing and delta management using Standard BI.content for R/3 and ECC sources and Informatica for non SAP sources.
* Involved in designing the proof of concept for testing various data sources across multiple systems.
* Involved in unit testing of the various development cycle.
* Environment: SAP BI 3.5,BO 3.1 SD/MM/IM, WEBi, BEx, R/3 4.6c, SAP ABAP, BI Content.

Southern California Edison, CA 01/2007 – 03/2007

**SAP BW/ Business Objects Integration Technical Consultant**

* Involved in gathering requirements from business end users.
* Designed and developed the dataflow diagrams, data validations, data cleansing, data mapping and trace them to the DWH.
* Involved in data extract process from ECC 6.0(SAP R/3), Legacy systems to BW 3.5 system using Data integrator (SAP BODI) as the ETL tool.
* Actively involved in improving query performance and system performance by Identifying long running queries.
* Used Transport connection to move objects from development to quality environments.
* Worked extensively in building queries in the Bex Query Designer. Involved in creating variables, calculated and restricted key figures, variable offsets, conditions, exceptions and extensive work with the query properties.
* Worked with Bex analyzer for formatted excel reporting, Created and formatted the reports using the Live Office in Excel and power point for presentations.
* Designed BO Universe on SAP BW Queries & Info Cubes and developed WebI reports.
* Created WebI reports & Crystal Reports and deployed them through Info View.
* Hands on experience with CMC and CCM XI 3.1.
* Developed the Crystal Reports using the SAP Bex Reports as the database.
* Identified various Management, Analytical and Operational Report requirements for HR Module and prepared Technical and functional documents.
* Developed dashboard to provide analysis within GSK based on breakdown of the measure at a given levels of the organization. Developed complex Headcount & Personnel Actions dashboards to track the movement of employees from various portfolios.
* Developed various Ad-hoc reports with complex functions including aggregate aware, @prompt, report level objects, filters and Derived Tables to speed up and fine tune the performance.
* Created ad-hoc reports with multi prompts to retrieve required data for the user and to minimize unnecessary load on server.
* Created Crystal reports with cascaded multiple prompts and Created Reports with heavy conditional formatting and functions to meet user requirement.
* Crystal Reports with Top N and Bottom N to highlight the demand of the clients line of Business.
* Exported and published Crystal reports to the Business Objects Enterprise portal for the scheduling and publishing.
* Actively involved in improving query performance and system performance by Identifying long running queries.
* Used Transport connection to move objects from development to quality environments.
* Worked with Transport organizer to migrate the newly developed queries for testing and then migrated to production on SAP BW.
* SAP BI 3.5,BO 3.1, SEM-BPS, CRM 4.0, SAP SCM, R/3, 2004s, SD/MM/PP/FI/CO/AP, BEX.

Kaiser Permanente, CA 03/2006 – 01/2007

**Sr.SAPBW/BO Techno Functional Consultant**

* Extensively worked on design and development of the following custom objects: InfoObjects, InfoCubes, InfoSources, DataSources, ODS Objects, InfoSet Query, and MultiCubes.
* Extensively worked in Data Modeling of several InfoCubes using Multi-dimensional data modeling. Have excellent understanding of the Fact Tables, Dimension Tables, SID Tables, and Line Item Dimensions and in general the entire star schema design.
* Worked extensively in Scheduling data loads into BW from R/3. Data load scheduling involved initial data loads and delta data loads. Monitored data loads into SAP BW.
* Applied several OSS notes in all areas of BW – Infocubes, ODS, InfoObjects, Queries and several other problems.
* Extensive knowledge in trouble shooting a lot of BW issues, either load related, performance related or Query related issues.
* Involved with the BASIS team in setting up connectivity between SAP BW and R/3 systems for data extraction using Idocs/tRFC communication links. Worked closely with the BASIS on DB Partitioning on InfoCubes, identifying Short Dumps, both database (space etc) related problems and data related problems.
* Managed Metadata in R/3 and BW. Created Metadata e.g., several datasources in R/3 and Updated Metadata into SAP BW. Activated Business Content in BW.
* Extensive knowledge of non-SAP R/3 Data Source Loading Methods. Examples include Oracle, Flat File.
* In Depth knowledge in Enhancing Business Content. Designed data extractors in SAP BW (R/3->BW). Worked extensively on the transaction data, master data, text user exits on R/3 side.
* Extensively used BEX Analyzer and Browser to build queries and worksheets to access SAP BW Infocubes etc. Worked extensively on Web Queries. Hands-on experience obtained on building queries by defining rows, columns, and free characteristics providing drill-downs, filters and other features.
* Involved in BW performance tuning, designing, and configuration. Involved in Optimizing Data Loads, defining infocube aggregates, Query Optimization, data compression etc.
* Was extensively involved with the BASIS team in SQL Server Compression. SQL Server Compression, not SAP BW compression, was performed on historical cubes (that would not change in terms of data, for example 1999 & 2000 GL and PCA data) and also the change logs of the ODS if the change log had to be kept around for a while.
* Created several Process Chains, Event Chains, InfoPackages for data loads. All the critical Process Chains were setup in such a way that a load failure would page the On-Call person.
* Worked on BW supporting BW existing and developing new Infocubes/ODS’s support issues, best practices, customization, monitoring, loading data, extractions, upgrades, transfer rules, update rules, user-exits, performance issues, queries etc.
* Involved in Upgrades to BW 3.0B to 3.5, and 3.5 to 7.0.
* Worked extensively on LIS Cockpit Extraction in both Purchasing and Sales areas.
* Worked extensively in extracting R/3 data from different modules. FI-AP, AR, GL & AA, PCA, CCA, CO, SD, Purchasing, MM.
* Environment: SAP BW 3.5, SAP R/3 4.7, SAP CRM 4.0, SD/MM, FI/CO, AP/AR, ABAP/4, Vendavo.

Mobi Apps Ltd, (Sphinx System House) 1/2003– 02/2006

**SAP BW Developer**

* Involved in the Data Modeling process for Sales Arena by identifying Characteristics for dimension tables and key figures for the Fact Table and defined the display and navigational attributes for the BW Extended Star Schema.
* Maintained extract structures for Purchasing, Inventory and Sales & Distribution. Generated data sources & activated the extract structures for the above modules. Scheduled data uploads in cockpit.
* Designed and developed custom ODS objects, InfoCubes for Inventory data and activated Update rules for these data targets.
* Responsible for job schedules for loading Master data (Texts, Attributes and Hierarchies) for Materials and Sales arenas.
* Extracted the data using logistics from Sales and Billing DataSources to populate the Custom InfoCubes that evaluates quantities and values for sales orders, deliveries and returns, and invoices.
* Worked on Inventory cubes for business content DS. Analyzed the requirements to implement Snapshot scenario for cumulative key figures. Worked on 2LIS\_03\_BX and 2LIS\_03\_BF DataSources.
* Statistical Data upload to LIS info structures S260, S261, S262 & S263 for S&D module within SAP R/3 OLTP.
* Created InfoPackages with Full Loads, Delta loads, Initialization with/without data transfer etc. Tested the data loadings, delta loads and verified data with R/3 side.
* Worked on creating start routines and end routines in update rules to ensure proper loading of data.
* Created Purchase order control report, this report will show the statuses of Purchase orders and Sales orders in particular the third party purchase orders and sales orders.
* Developed an interactive report to list the purchase orders details for a vendor that has interactive drill down options to give the details of vendor from vendor master.
* Designed making extensive use of the ODS capabilities, delta management functionality and optimal use of update rules keeping query performance in view.
* Extensively worked on InfoCube maintenance like Compression and Roll- ups.
* Worked on BEx Query Designer in designing queries using filters, variables, navigational attributes and structures to facilitate flexible, detailed drill down data analysis to required level of information.
* Created variables for Currency Conversion Types and used variable offsets for comparing data between periods and for value ranges.
* Created reports, which display sales order and line items, which needed to be delivered on a particular date.
* Created variables with user/sap exits, calculated key figures, formulas and structures in query development, working with workbooks, exception reporting, conditional reporting.
* Extensively involved in production support issues involving data loading, monitoring, and batch issues.
* Environment: SAP BW 3.1C, SAP R/3 4.7, ABAP/4, SD/MM, FI/CO, XMLA, Teradata.