**Sandeep Kumar Acharya**

SAP ABAP Consultant

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**PROFESSIONAL SUMMARY:**

* Over **8 years** of professional experience in development and implementation of Business Applications across Retail, Pharmaceutical, mechanical, chemical and Food industries.
* **3Full life cycle implementation** experience and Good exposure to functional areas in **SD, MM, PP, PM, WM, QM & FI/CO** modules.
* Expertise in ABAP/4 , includes Data Dictionary, ABAP Workbench
  + **R**eports (Classical and Interactive Report), OOALV, Dialog Programming (Dynpro, Screen Painter).
  + **I**nterfaces - **ALE/EDI, IDOC** generation, Extension of the existing IDOC types to create New IDOC types, written several Function Modules, customize ALE/EDI process.
  + **C**onversions: **LSMW**s using all methods (Standard method, BAPI, ALE IDocs, Recording.
  + **E**nhancements: User Exits, Customer Exits, BADI, Implicit and explicit.
  + **F**orms: SAP Scripts, Smart Forms, Adobe forms.
* Extensive Experience in **Object-Oriented Programming**, Performance Tuning and Troubleshooting and debugging.
* Adept with programming, batch Jobs, **ABAP/4** Queries, testing of programs, preparing program specification and documentation, report generation, function modules, subroutines & screens.
* Extensively worked on Order to Cash with Inquiry, Quotation, Delivery, Sales Order and Billing.
* Experience in providing Web services (XML) using RFC function modules to the third party to connect with SAP and perform transactions.
* Designed and developed Web Dynpro applications in various modules and **WEBDYNPRO** components.
* Develop functional specifications, test proposed solutions and document the resolution Strong hands on configuration experience on SAP BW&BI/BO/ABAP and SAP – HANA.
* 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.
* Involved in analysis and providing quick solutions for tickets and Service requests, as a part of AMS (Application Maintenance and Support) team.
* Experience in creating Schemas, Views, Column tables, Row tables, Procedures, Attribute views, Analytic Views, Calculation views, CDS Views, AMDP methods, data importing/exporting, SQL Script, CE Functions in HANA.
* Successfully trained in **SAPUI5**, Fiori and new **UX.**
* Well versed with MVC concept for SAP UI5/Fiori Apps.
* Worked in designing Charts, Chart Frames and Geo Graphics, **XML** Views with Smart Forms, Forms and Responsive Layouts with Filters and designing List, Responsive Table and Smart Table.
* Worked on developing controllers with **Events, Functions** and **Data Models**. Well versed with developing reusable UI’s like **Fragments** and **Dialogs**.
* Well versioned with using **Resource Model** for translations and implementing **Routing** concepts along with data transport.
* Experience in review of functional specifications and converting them to technical specifications, coordinating with offshore teams and providing different levels of support (L1, L2, L3, and L4).
* Excellent business communication, presentation, documentation, leadership, management skills.
* Positive work attitude and self-motivated to work independently as well as in a team.

**Technical Skills:**

ERP : SAP R/3 4.7, ECC 6.0 Ehp6, SAP IS-Retail.

Domain Knowledge : SD, MM, FI/CO, PP, PM, QM, WM, CRM.

Languages : ABAP/4, OO ABAP, C++, C, HTML.

Operating Systems : UNIX, Windows NT/9x/2000/XP and Linux.

**PROFESSIONAL EXPERIENCE:**

**Client: Bob’s Discount Furniture Nov’ 2016 – Till Date**

**Location: Manchester, CT.**

**Role: SAP Technical Consultant.**

**Bob's Discount Furniture** is an American regional chain of privately owned furniture stores in the Northeast, Mid-Atlantic & Midwestern United States.  Bob's Discount Furniture started in Connecticut and its corporate headquarters are in Manchester, CT.

**Responsibilities:**

* Created a Custom Interactive report which displays non-reconciled transactions so that end business user can select particular transaction and send a batch file to First Data for resubmission or pass them for G/L posting.
* Developed Interface for on-demand Material Master Data from external system – **HYBRIS**, which is the system of record for all Materials. Used **MATMASIDocs** for material interface.
* Developed a Data Conversion Transform Program that transforms the Legacy System (**CBPR**) data to files, which can be used by the load program to load the Open Sales Orders. All the transformation is done within this program and any errors/warnings are also captured and Excel files are downloaded which can be reviewed and corrected for any errors/missing data.
* Populated Purchase Order & Purchase Requisition Document number (MM) in a custom Z table each time created through **ME21N**&**ME51N** by using **ME\_PURCHDOC\_POSTED**&**ME\_REQ\_POSTED**.
* Developed a Data Conversion Load Program to load the Open Sales Orders into SAP. Used the ‘**BAPI\_SALESORDER\_CREATEFROMDAT2**’ BAPI to load the orders. Extensions are also handled. Also the log with the success/failure messages is also downloaded for further analysis.
* Developed the Function Module for Inbound Processing of **SHPSTAT IDoc**. The steps involved are validating the IDoc data, reading the Shipment data and update the Shipment.
* Involved in End-to-End testing team i.e. from Point of sale(POS) to G/L posting.
* Worked on **USER-EXIT’s EXIT\_SAPLIEDP\_902** and **EXIT\_RFFOEXIT\_ 103** in payment program **RFFOEDI1** and **RFFOUS\_T** to trigger invoice reduction report for payment types T, K, B, F, U and E.
* Created a custom report which will generate invoice reductions per vendor for document types **RE**, **KG** and **SA** based on Industry codes ‘Z15’ and ‘Z16’.
* Technical expertise in project management support tools **HP Quality Center**, Clear Quest/Remedy and SAP Solution Manager
* Developed Adobe forms to display output of various sap standard reports where we had to use only table display.
* Modify, Approve Timesheets and My Leave Requests to Customer Scenario.
* Participated in business meetings and worked with the functional consultants to analyze the client's requirements and create Design document
* Developed technical specifications from the functional specifications as per the business needs.
* Worked on **SAP HANA** modeling (Attribute View, Analytic View, Calculation View), Analytical privileges, Calculation view methods(Graphical and SQLScript View), Stored procedures and CE functions
* Worked on decision tables, Level based and Parent child hierarchies.
* Worked on Fiori custom apps, Hybrid mobile fiori apps, extensibility on **Hana** Cloud platform and Created Odata service(SAP Netweaver gateway) for Fiori Apps to approve and track the **SD**, **MM** process.

**Client: International Paper, Apr’ 2015 – Nov’ 2016**

**Location: Memphis, TN.**

**Role: SAP ABAP Consultant**

The International Paper Company (NYSE: IP) is an American pulp and paper company, the largest such company in the world. It has approximately 65,000 employees, and it is headquartered in Memphis, Tennessee.

**Responsibilities:**

* Responsible for the Data load of Promotions from Legacy System into SAP. Each document in the Legacy had to be transformed to Promotions, Sales Deals and Condition records in SAP, based on numerous conditions. The Data was loaded into SAP using **BDC’s**. All the error handling was also incorporated in the Data Load Program and hence saves a lot of time for the Business in ironing the issues out.
* Designed and developed a new custom Open Order report for Warehouse use to facilitate pre-picking in Warehouse Management area. The report output is developed using **REUSE\_ALV\_HIERSEQ\_LIST\_DISPLAY**, which has all the drill down functionalities. Selected Orders can be printed along with Barcode, by calling a Smartform.
* The report also highlights the orders that have undergone any changes from the previous runtime.
* Developed a transaction for Auto Creation of Customers, also called Customer E-Forms. In this transaction developed using classical Dynpro (Dialog Programming) the requestor can create a request for the **CDA’**s to Create/Change/Extend customers in SAP. Imported and Exported data from flat files to HANA.
* Worked on parameters and filter operations while loading data into HANA using SLT (like filtering data, limiting fields, etc.).
* Created various Joins, Views, Types, Row tables, Column tables inside HANA with and without using SQL. Performed CRUD operations on row and column tables.
* Created picking list using message type **PICKSD** and corresponding **IDOC** type **SDPIODO1** is used for sending information to warehouse management system.
* Developed interface by creating **RFC** for sending out customer detail information and partner information to B2C website developed in Adobe Cold Fusion Web Development Platform.
* Developed interface for sending out order list and order detail information including customer notes, order notes, ship to notes, order header, line items, billing information, tracking information to **B2C** website by testing it in **CF2SAP** middleware.
* Worked on data loads for Open/Service/Limit **PO’s**, **STO’s**, Functional Locations, Functional Task List, Equipment’s, Equipment BOM’s, Inspection Plans, Inspection Lots, Simple/Characteristic results for inspection lots and Material specific texts.
* Worked on Data Archiving part using **SARA** transaction for archiving/deleting **PM/QM** historical data such as Equipment **BOM’s**, Equipment’s, Functional Task List, Functional Locations and Inspection Lots etc.
* Enhanced function module **IDOC\_INPUT\_DELVRY** for programming custom segments as per the business requirement.
* Implemented interface for updating sales order by posting **IDOC’s** of type **ORDERS05** using **ORDC** process code and **FM IDOC\_INPUT\_ORDCHG**.
* Configured inbound orders **IDOC** mapped from an existing outbound **INVOIC** leading to a successful 810 translation.
* Developed interface for Goods Movement in WM using the **IDOC WMMBID02** and message type **WMMBXY**.
* Created an extract program **ZWGPS\_GSNLNTF\_UPLD** to update the **AABP** indicators which runs as a background job every day. This program uses the maintenance views in the Oracle database which are refreshed every 10 minutes.
* Provided training to end users to test the enterprise and commercial application interfaces using **SOAP UI** application.
* Modified the User Exit MBCF0006 in Retail to update the customer function for the **WBS** element.
* Worked on consuming Web Service with **WDSL** file for sending mail to external system through BSP.

**Client: Bucyrus International. Feb’ 2014 - Mar’2015**

**Location: Denison TX.**

**Role: SAP ABAP Consultant**

Bucyrus-Erie was an American surface and underground mining equipment company. It was founded as Bucyrus Foundry and Manufacturing Company in Bucyrus, Ohio in 1880.

**Responsibilities:**

* Developed Custom Labels using SAPScripts, which contain the Barcode for Material, Material Number, Warehouse information, PGI Date, Old Material Number on a 2X2, label for the Transfer Order Items in WM that are printed on Zebra Printers.
* Developed a RF Bin-Bin Transfer Transaction in WM for transferring material from one bin to another. All the checks in LT01 are implemented in this program. **BAPI L\_TO\_CREATE\_SINGLE** and **L\_TO\_CONFIRM** are used for creating and confirming the Transfer Orders.
* Implemented Transportation Cross-Docking in SAP **EWM**. For this the **BAdI/SPE/BADI\_DETERMINE\_CD\_PLANT** is implemented which is in the Enhancement Spot /**SPE/DETERMINE\_CD\_PLANT**.
* Worked on the BAdI /**SCWM/IF\_EX\_DLV\_OFFICE\_DET** which is used to determine the shipping office address.
* Worked on 4X4 labels using SAPScripts that has barcodes for Material, Transfer Order and Quantity, which will be used extensively in the warehouse for the Handling Units that are printed on both Zebra Label Printers and also mobile **RF** Printers.
* Changes made to the standard **RF** Transaction screens to remove add certain fields.
* Developed reprint label transaction in **WM**, since standard reprint transaction must have the Warehouse Orders, which is not possible when shipping small materials.
* When scanning Old Material Barcode in WM Screens, the barcode should be internally transformed to the New Material Barcode. Change was made in the user exit that is called in all barcode-scanning programs.
* Developed Packing Slip and Bill of lading using Smartforms in SAP.
* Change made to the standard **LM12 RF** Transaction to default the storage type.

**Client: Haas Automation, Inc., Oct’ 2012 – Jan’ 2014Location: Oxnard, CA. Role: Sr. SAP Technical Consultant**

Haas Automation is the largest machine tool builder in the western world, manufacturing a complete line of CNC vertical machining centers, horizontal machining centers, CNC lathes and rotary products.

**Responsibilities:**

* Configured ALE interface for migrating Customer master, Vendor master, Material Master Data, info records and pricing condition.
* Worked on Exception Handling with **OOABAP** Reporting using custom classes and Methods.
* Developed Web based **ALV** report which displays the stock Availability information based on Sales Organization & plant.
* Used **BAPI\_MATERIAL\_SAVEDATA** to copy the material from one plant to other plant where the change of material text is also made possible according to client requirements where the material determination is also considered.
* Established **ALE** and **IDoc** setup for Material Master (**MATMAS**) and Customer Master (DEBMAS) distribution. Used Change Pointers technology for regular update of master data. Testing of inbound and outbound process while dispatching **IDoc’s** from one system to another system.
* Creation of PA & payroll reports on Smart forms and ALV Grid.
* Used **IDoc** type **FIDICC2** and standard function FI\_IDOC\_CREATE\_FIDCC2 to generate an **IDo**c each type an **FI** document is created in **FB01**.
* Developed interface program to upload timesheets for various employee groups in various countries.
* Enhanced include in the customer function in **BAPI\_REQUISITION\_CREATE** to consider the external line item numbers.
* Developed new Smart Forms and print programs for Packing Labels, Shipping Labels and Drop Ship Labels.
* Design and development of outbound and inbound interface programs to third party systems using Intermediate Documents (**IDoc**) and Application link Enabling (**ALE**) tools. Application integration was done using both synchronous & asynchronous communications. Implemented distributed Scenario in **ALE**.
* Implemented workflows related to Purchase Order approval, **MM** invoice approval, Goods Issue notification, Free Goods, HR business processes.
* Runtime analysis to analyze the processing of reports. Based on the estimated time for each action, modified queries to ease the database interaction.

**Client: Glazer Mar’ 11 – Sep’ 12**

**Location: Dallas, TX**

**Role: SAP ABAP Consultant**

Glazer’s is one of the largest distributors of beverage alcohol in the country. It is one of the most successful sales and marketing organizations.

**Responsibilities:**

* Worked on reading Planning Book, updating planning book for specific keys, Safety stock calculation based on planning book data.
* Implemented the Function Module Exit **EXIT\_SAPMMDUSER\_006** to modify the **SNP PPM** data.
* Worked on the Interface program like **/SAPAPO/MD74** for deleting transactional data for obsolete products and forecast from **APO**.
* Worked on Pricing and Availability check interface, check the availability of the item in SAP with details passed from proxy and write back the parts count and possible ship-to-date.
* Worked with **WM** functional team in developing Module pool screens for configuring mobile data entry in warehouses for **RF** Gun.
* Developed the Interface named ‘Initial Inventory Upload WM’ used for extracted existing inventory from a Legacy System and created material batches in SAP through **MB1C** transaction and placed these batches into respective warehouse bins using transaction LT01.
* Developed **ALV** Report for invoice list display with FI documents and GL Accounts based on the Billing document.
* Developed a Smartform for displaying serial no list daily after shipment has been placed and worked on Glazers bar code label.
* Used **BAPI\_SALESORDER\_CHANGE** for removing the billing block at item level in sales order.
* Uploaded Asset master data from Legacy System to SAP using **LSMW** tool.
* Created Custom **RFC/BAPI** to get the ship to party for the sold to party and for respective sales areas.
* Developed a Wrapper for BAPI to cancel the **PO** Line items and Schedule line/Delivery Schedules.
* Setting up Partner Profiles, Ports and **RFC** Destinations, for business partners And configure Distribution model view for distribution of **IDOC’s** for both **ALE** and **EDI** mediums.
* Configured **EDI** Outbound for purchase Order (850).
* Developed workflow for PO release strategy and triggering a Workflow whenever a PO is changed.
* Did Runtime Analysis by analyzing the performance of various Transactions, Programs and Function modules created in ABAP Workbench.
* Developed a custom report for SAP GUI Script Recording and Playback in ABAP for transaction **IW37N**.
* Designed and developed a portal web page for Uploading POD images in ECC and storing in Filenet.
* Developed a WebDynpro Application to send outlook mail with attachments.
* Used Dynamic Programming to initialize node and attribute and generate a form with push buttons at runtime.

**Client: Schneider Electric. Jan’ 09 – Feb’ 11**

**Location: Mumbai, India**

**Role:SAP ABAP Consultant**

Schneider is a manufacturing company. It’s a diversified manufacturer and distributor of a broad line thermoplastic electrical, consumer and telecommunications.

**Responsibilities:**

* Working with the **FI/CO/SD/MM/PM** Supply Chain/Basis Teams for the module related upgrade from 4.6C to ECC 5.0.
* Worked with **ECC 5.0** Object-Oriented and Unicode Compliant code vs. the needed custom logic in the old **4.6C non-OO** and non-Unicode compliant programs.
* Re-applied **4.6C** Mod changes into new SAP ECC 5.0 programs and applied ECC 5.0 Notes if needed. Verified the new ECC 5.0 program flows worked as expected. If not, analyzed and resolved program type calls/scoping issues with nested program calls that ECC 5.0 introduced and then modified ECC 5.0 core programs.
* Fixed any custom programs and/or custom logic added to core programs that now encountered Unicode Syntax Errors in ECC 5.0.
* Created BDC Report which uploads data from legacy system to SAP Developed an Interface Program that uploads Daily Collection Records from legacy system to SAP.
* Migrated data from Legacy System to the **R/3** System using **LSMW** tools for various Master Records like Material Master.
* Designed and Developed Batch Input Programs for loading Customer master data from Legacy system through Flat File.
* Developed an Outbound Interface to send purchase order data. Configured **ALE** components like distribution model, setup ports, and generated partner profile.
* Involved in configuration of SAP Outbound ALE messages for Customer Master.
* Extended basic **IDOC** type **DELVRY01** and added new custom segments.
* Worked on modification adjustments related with **SPAU** and **SPDD** objects for the upgrade.
* Solved bugs during different billing scenarios.
* Developed a program that was used during the conversion, and this converted the inbound **IDOC** to outbound **IDOC**, which were processed on the mirror production server. A generic program was developed to achieve this for the sales order and goods issue processing.
* Created mapping documents for **SAP** for **EDI** Transaction using XI 2.0 as middleware.

**EDUCATION:**Bachelors in Technology.