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**Objective**

SAP ABAP, to include Data Migration, RICEF, SAPScript, Smartforms, and other technical areas where experience with data manipulation and a good knowledge of ABAP and the SAP Data Dictionary is required, where he could use his 18 years of SAP experience that comes from multiple upgrades, heavy conversion, enhancements, reporting and customization requirements from diverse clients from public sector to oil, to mining to manufacturing to aerospace to IS retail.

**Recent Studies**

His most recent certification comes from the SAP Academy Business Warehouse Certification courses in Toronto, Canada. Although his BI experience is still limited, his extensive experience, over 16 years, with SAP ABAP and data would make him an ideal candidate as a technical resource on a BW/BI team.

**General Profile**

Dan is an SAP Consultant with over 25 years of Information Technology Experience which includes more than 16 years of SAP experience. He is a United States citizen who is also fluent in Spanish. He has worked on SAP Installations and Upgrades for multiple SAP modules including PM, FI, MM, SCM, PP, QM, APO, COPA and SD. He also has experience with all RICEF components as well as SAPScript, SmartForms, and more limited experience in Workflow and BI. He has a good understanding of SAP tables and the Data Dictionary. In fact, he’s written some very useful utilities for data mining and Data Dictionary searching for analytical work for conversion, reports and enhancements. He was also the ABAP lead on a recent project at Lufkin Industries. His programming experience gives him a wealth of code to leverage from, which makes him one of the faster programmers out there. His special strengths, born of his experience, would be in the area of Report, Interfaces, Data Conversions, complex Enhancements and both SAPScript and Smartforms. However, he has also spent time working in the areas of Workflow and Document Management as well. He is quite familiar with many SAP modules including MM, SD, FI, PM (7 installations and upgrades), CO, PLM, PP, SCM, EWN, APO, VC and IS Retail. He has done multiple SAP upgrades for many versions from 3.1h to ECC 7.0 and GUI 720. Most recently he single-handedly developed SAP IS Retail bolt-on frontends for both the Physical Inventory process and Store Receiving of POs, Shipments and Deliveries. These have been enthusiastically accepted programs.

**Professional Experience**

May 2015 to Present

**Employer: JAFRA**

Dan joined the SAP implementation partner team as the sole programmer for all master data conversions for this new implementation. It was a very tall order to independently write the 38 necessary conversions in the 3 months allotted for this phase. It demanded dedication, initiative and long hours to accomplish this. The conversion effort included Chart of Accounts, Cost Centers and Bank data in FI in addition to PTM, PTP and QM objects including Materials, BOMs, Resources, Recipies, Production Versions, Storage Bins, WM Extensions, Source Lists, Purchasing Info Records, Production Groups, Maintenance Plans, Inspection Plans, Inspection Characteristics, Task List, Long Text, Vendors, etc. During testing phases the various functional teams discovered necessary additions and changes, as is always the case. Dan was the sole support and handled the multiple change requests while working with the various functional teams simultaneously.

October 2014 to March 2015

**Employer: Haworth**

Haworth brought Dan in to bang out some complex programming requirements, in a short period, for the COPA, APO, SCM, VC (Variant Configuration) and PP modules. Among other demands, he wrote a difficult APO report in several weeks, that had been a hurdle for the previous 6 months before he arrived. Additionally, there was an overwhelmingly complex dialogue program that involved 9 ALV screens, 15 results files with endless details and complicated logic. Other seasoned programmers were presented with the project, and deemed it impossible to complete in the 8 weeks allotted. Dan completed it in 6.

September 2012 to July 2014

**Employer: Caterpillar**

Caterpillar had a specific need for a set of data load programs in the area of Master Data Management that would be simple enough for end-users to use independently. Dan wrote 10 OOABAP programs controlled by a single cockpit transaction that could both download and upload Purchasing Info Records, Plant Extension Information, Storage Locations, Source Lists and Sales Orders. After completing that requirement ahead of schedule he was asked to resolve miscellaneous reports, data extracts and technical ABAP issues including complex interfaces, IDOCs and all RICEF elements. Caterpillar only offered 3 month contracts, but continued to extend Dan for 2 years. During this project, Dan acquired 2 years of experience with the Solution Manager’s Change Request Management (CHARM) transport system. He personally had dozens and dozens of transports which had to be coordinated with team members. Transport conflicts had to be avoided, but resolved when encountered.

February 2012 to July 2012

**Employer: Lufkin Industries**

The Client had just completed an implementation of multiple modules including MM, PP, BI, SD and others. The implementation partner left immediately after go-live, leaving the usual loose strings and unresolved issues, etc. Dan was brought in as a “hands on” ABAP lead to resolve outstanding issues as well as critical issues that were being discovered daily. This called for a broad range of skills and effort that included long days and the occasional “all nighter”. All elements of the RICEF skillset were in high demand to get the client “over the hump” of a new implementation to include, of course, Smartforms, SAPScript and SQ01 queries. Of course, queries do not offer the detail of control and ABAP does, so many reports were created with T-Code execution for user ease. His commitment to success was unquestionable.

October 2010 to February 2012

**Employer: Lumber Liquidators**

Lumber Liquidators was installing new modules and expanding the SAP system to include Canada. Dan’s responsibilities included diverse break fixing, enhancement implementations from User Exits to BADIs to BAPIs to custom Function Modules to Business Object Events to Explicit and Implicit Enhancements. A number of objects he developed included complex interactive ALV grid displays. While he already had experience with SAPScript and Smartforms, he was introduced to Adobe Forms on this project, which he describes as a slightly easier approach to form display. His responsibilities touched all RICEF elements. Additionally, in the IS Retail and EWN arenas, Dan developed a useful frontend for SAP’s Physical Inventory system, which allowed store locations to enter Articles, Quantities and Batches in one place, while the program dynamically handled the necessary execution of SAP transactions MI04, MI05 and MI09. This program was so successful, that the client asked him to write a similar frontend program for the SD/EWN Store Receiving Process, which posted store good receipts from POs, Deliveries and Shipments via a streamlined, userfriendly and much more secure, streamlined and controlled process than standard SAP. This program was even more enthusiastically implemented throughout all stores across America.

March 2010 to October 2010

**Employer: Solvay America**

Dan was invited back, for the 3rd time, to assist Solvay in a merger and upgrade. Modules included PM, MM, SD, and FI. Besides all the RICEF requirements of such an endeavor, he was called on to create multiple queries using SQ01 as well as move thousands of Query variants, User Groups, Infosets and Queries externally between disconnected systems. Reporting requirements often called for an ALV solution, while data migrations were completed via LSMWs, BDCs and BAPI’s.

December 10, 2007 to February 2010

**Employer: United Launch Alliance (SAP is the implementation partner)**

Here, Dan has been working on the SCM data conversion team as an SAP America consultant. Some of the conversion objects for which he was responsible include Inspection Plans, Inspection Characteristics, Material Notes, Purchase Orders, Production Orders, Stock Inventory Orders, Material Master, Work Centers, Batch Characteristics and Routings. Input methods include BAPIs, LSMWs, BDCs and Function Modules into an ECC 6.0 SAP system. Here Dan was also exposed to XML.

Following the SCM implementation, Dan was tasked with support of SCM, including custom reports, break fixes and enhancements.

Dan’s last assignment was to work with the FI and COPA teams to correct complex problems created during the original implemention. Out of 100 consultants, he was the only consultant retained for this project.

July 1, 2007 to October 31, 2007

**Employer: San Diego Unified Port District (San Diego, California)**

This was a PM implementation. Dan was the only developer on the project, so it was a busy time with the migration of Task Lists, Work Orders, Equipment, Maintenance Plans and Functional Locations. There arose the need for various enhancements that included custom search helps and user exits. He also wrote a variety of ALV reporting programs. Finally, he wrote several programs that were published to the Web, to allow for the creation of Notifications and the checking of Notification statuses from the company intranet. His knowledge of Workflow proved to be useful also, on this assignment.

February 10, 2007 to June 30, 2007

**Employer: Buckeye, Inc. (Perry, Florida)**

This company was installing the PM module of SAP on ECC 5. Responsibilities include all areas of data migration, cleansing and manipulation . BAPIs, BADIs, LSMWs and IBIPS as well as BDC and Call Transactions are the tools of choice here. As on any project, unforeseen needs arise and must be met. These included User Exits, the creation of new Search Helps (matchcodes) and other various system enhancements.

Septermber 1, 2006 to January 31, 2007

**Employer: Madix, Inc. (Terrell, Texas)**

(See Madix, Inc. below) Dan returned to Madix to assist in their actual ‘go-live’, and completion of the upgrade from 4.6C to ECC 5.0.

June 1, 2006 to July 15, 2006

**Employer: Haldor Topso, Inc. (Pasadena, Texas)**

Since all ABAP areas were ready for go-live at Madix, they asked if he could take a couple months off, but still return to help them with go-live. Dan agreed, and took this short contract at Haldor Topsoe. Although other tasks became evident, he was originally contracted for several specific needs, including creating shipping labels using Smart Forms to be printed on Zebra printers. Other labels were created using SAPScript.

The Basis support was very limited at this site, so the responsibility fell to him to install and configure (including research and installation of OSS notes) the Zebra printers in the IMG.

Dan also made changes, corrections and improvements to a KRONOS to SAP Interface. This was an FICO solution which interfaced to SAP accounting tables BSEG and MSEG and other supporting tables.

He also finished a detailed Work Order History Report that was only 25% completed when he arrived. It was quite complex, containing information down to the routing and operation levels, including time card information for both employee and contract workers.

The client discovered incomplete Notifications and missing Work Orders in their system. Dan wrote 3 programs to correct the 15,000 records.

1)  Change statuses of Notifications.

2)  Create Work Orders

3)  Set status of Work Orders

August 18, 2003 May 31, 2006

**Employer: Madix, Inc. (Terrell, Texas)**

This contract was a new installations of SAP R/3 Enterprise 5.0 of modules FI, MM, SD, PP,PLM, Workflow and HR, using IBM as the implementation partner. As often happens, the expanding scope and details made deadlines unattainable without additions resources. Madix brought Dan in as an independent consultant to take up the slack. In the first two weeks he wrote four ABAP data conversion programs creating BDCs, large LSMW conversions and a special program to dynamically load a large variant for processing transaction VF04. That work they had expected would take over a month. Dan then began the task of writing 32 SAPScripts; this all while contributing to problem solving in numerous areas necessary with a team that is conscientious, though new to SAP. Remote Function Calls (RFCs) were part of the overall landscape, here. He wrote a comprehensive FICO & SD report that included these fields and others: Purchase Order Number, Total Amount and Balance Due, Sales Order Number, Total Amount and Balance Due, Shipment Number and Shipment Date, Delivery, Ship To, Sold To, and Freight. This report displayed both billable and non-billable information, and all Document fields accommodated drill-down to the SAP object. Initially, however, there were various FICO data conversions necessary including Accounts, Balances, Fixed Assets,Vendors and Customers, etc. Additionally, it became evident that certain processes could be best done using Workflow, although they were unfamiliar with it. Dan helped implement solutions in this area as well. During the course of this implementation, there arose the need for RFC connectivity and configuration changes as well as limited archiving needs. His support of this project extended to all modules being installed. The last modules to be implemented were cProjects and PLM, which he also supported. During this phase he developed a rather extensive interface forDocument Management, that automated and controlled the process of bringing scanned documents and engineering drawings into the SAP Content Server from the FI, SD and PLM modules. Dan also created a number of Workflows during this phase of the implementation, as well as a robust Workflow Tracking system. During this period, due to extensive ABAP work in the area of Workflow, he was very exposed to the tables and inner workings of Workflow.

July 1, 2001 to May 1, 2003

**Employer: Solvay America (Houston, Texas)**

Due to a joint venture between Solvay America and British Petroleum, the responsibility fell to Solvay to migrate the necessary SAP data to a new AP 4.7 system, and create and populate a BW system with the new data. Since Dan had worked for Solvay before and had recently received BW certification from the SAP Toronto Academy, they asked him to come back to perform the needed data migrations, data creations and interfaces as well as develop new reports for FI, MM & PM. Various migration methods were used, depending on the situation, and every imaginable data contortion was accomplished to complete the more than 60 migrations. Data Migration methods included IBIP, BAPI, LSMW, direct loads and custom ABAPs. Since the development team was lean, many other tasks fell to me including Reporting for various modules and SAPScript. Solvay had only completed the pilot phase of a BW implementation project. Dan created custom extractors for OLTP data being moved to BW, where he had designed and created necessary Info Objects, Infocubs and Update Rules etc. for PM and MM data.

May 1, 2001 to June 1, 2001

**SAP Business Warehouse Academy - Toronto, Canada**

Dan gained a solid knowledge and hands-on experience in modeling, extracting data, and reporting. Following is a list of areas covered with hands-on exercises:

Created many basic InfoCubes, created InfoSources, created update rules, created DataSources, replicated DataSources, loaded Master Data from flat files and from OLTP, loaded hierarchies from flat files, created Remote Cubes, Multi-cubes and ODS objects. Created ODS update rules and InfoPackage to load data, installed Business Content, used the BW Statistics InfoCube to analyze system usage, created aggregate InfoCubes, used Report Monitor to debug queries, partitioned tables in an InfoCube for faster query execution, created security authorization objects for InfoObjects, executed a Data Modeling case study, extracted data from LIS, CO-PA, and FI-SL. Used ABAP Query/Infoset, used the LO Cockpit, created Business Content Enhancements. Became very familiar with SAP’s Administrator Workbench (AWB), and Business Explorer Analyzer (BEX), including an in-depth knowledge of SAP’s extended star schema modeling. He also created numerous BEX queries, loaded data to the ODS, performed currency conversions and worked with hierarchies and variables.

Only half of the class passed the certification test. I was pleased to be one of them.

January 2001 to May 2001

**Employer: Chevron Phillips Chemical Company (Houston, Texas)**

This company is a joint venture between Phillips and Chevron running on SAP 4.6b. While at Phillips (July 2000 to January 2001), CPC asked me to come work for them directly on the Reporting Team, much asDan had been doing at Phillips. Much of the work at CPC involved BW, Report Painter, Report Writer and ABAP Query, and, of course, ABAP. He shared an office with the BW lead with several years of BW experience, who depended on him heavily for Data Dictionary expertise, since his SAP background was functional instead of technical. We conferred on Infocube construction. A highlight was one Friday morning when Dan was asked to see if he could resolve the problems with a program that had been in development by other programmers for over a month. The program was needed by the following Monday in order to save the company 3 million dollars in additional taxes. In 4 hours he was able to discover a new approach to the data extraction to deliver the desired results. It was a pretty big deal. Company Vice Presidents were present. (Not everyday was so exciting.)

July 2000 to January 2001

**Employer: Phillips Petroleum Company (Bartlesville, Oklahoma)**

SAP ABAP programming and support. During this period Chevron Phillips Chemical Company was brought online with 4.6b. This included program conversions and fixes for code that was effected by the 4.6b upgrade. Data migrations never seem to go away, and were an element of this implementation as well. New functionality was built into source code to take advantage of new features and options within the 4.6b environment. Subsequent to the go-live, Dan worked for the reporting team, doing ABAP support for all areas of reporting. This included writing function modules, user exits etc. Much of his responsibility during this period, however, was with debugging and tracking down problems in reporting source code that seemed to be inaccurate or causing problems.

August 96 to July 2000

**Employer: Solvay America (Houston, Texas)**

When Dan began as Solvay, they were on version 3.1h. When he left, 4 years later, they were on version 4.5a. Duties here included program development of data migrations (both import and export), as well as interfaces and dialogue transactions. Data import methods included both external flat files as well as Excel spreadsheets. For one solution, since the client had a fragmented and incomplete legacy system, he developed an extensive Access database to facilitate data consolidation into a format acceptable to SAP. Data import methods included BDC batch processing, UPI, IBIP, BAPI, and direct table updates. SAP modules migrated included MM, SD, FI , & PM with particular attention to Vendor, Customer, Functional Locations, Task Lists, Maintenance Items, Info Records & Work Order migrations as well as Internal Work Order interfaces of various types. Of course, supporting skills for program development include the use of all SAP utility transactions such as SE16, SM35, SE80, SE36, SE37, SQ00, SE09, SHDB, CMOD, & SE71, as well as cross-client transports and OSS note creations and implementations. Familiarity with the data dictionary was crucial for table creations and changes. A major SAP upgrade from 3.1I to 4.6b created unique demands that were challenging to work through. Job scheduling and automation, being integral to interfaces, was often an important part of the solution. Skills with SAPScript, ABAP Query, Logical Databases and the use of CMOD and User Exits were also developed during this period. Incidentally, at the beginning of the project, Dan received proper specifications for each job. By the end of the project, specifications information was often extremely limited as he were expected to do much of the analysis work as well as the programming. During this 18 month period he was emersed in the 46B upgrade and PM installation and reorganization. After the initial PM installation, different business processed were adopted which demanded a remigration and reorganization of PM, from Functional Locations, Maintenance Items, Maintenance Plans and Task lists to BOMs and Equipment. Numerous SAP reports, such as Labor Costing and Work Schedule Compliance were developed during this period.

August 95 to August 96

**Employer: A to Z Windows Solutions (El Paso, Texas)**

Installation and database administration of Oracle 7.2

Installation of Developer 2000 toolset

Forms 4.5, Reports 2.5, Procedure Builder 1.5, SQL\*Plus training

SQL training and experience using Oracle & Microsoft production

Business solutions in Windows environment with a variety of products including Microsoft Access and Access SQL, Exchange, Visual Basic, Office and others. Windows 95 installation, instruction, configuration and networking.

During this period I was self-employed, providing multiple services in the computer field. Below is a listing of major achievements, activities and client references.

April 82 to August 95

**General computer services (El Paso, Texas)**

*During this period I did general computer hardware maintenance in addition to software support and development including the following:*

Hundreds of software installations, tutorials and instruction for a myriad of software products from Microsoft Office to multimedia video and sound digitization.

June 1988 to June 1989

**Charitable work in Central America**

*While I have always done, and still do, charitable wor. I spent an entire year working in a charitable capacity in Guatemala and Honduras. (I speak fluent Spanish.)*

May 1984 to June 1988

**Software development (El Paso, Texas)**

*I developed a software package for business schools which maintains student records, prints grade slips, transcripts, student schedules, class rosters, class and individual attendance records, etc. Numerous schools use this software today. International Business Colleges have several schools using this Student Files Software System.*

April, 1982 to May, 1984

**Software development (El Paso, Texas)**

I developed a software package for advertising agencies and in-house advertisers, using the Arbitron Ratings statistics to provide the best cost-per-thousand TV advertising run schedule for any selected demographic, by simply entering information such as advertising budget, start date, ending date, excluded days, day parts or stations, etc.

Education

1980 to 1982

University of Texas at El Paso

El Paso, Texas

Junior year

Computer Science Major

3.4 GPA

References

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