**MARK K. PATEL**

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**PROFILE**

As an experienced systems analyst with over **27** years of data processing and **17** years of SAP knowledge gained from a variety of industries; I have developed the skills necessary to analyze problems, identify and implement effective solutions and to provide training and support. With an intimate knowledge of **ABAP** and **SAP**; I have developed strong technical skills and I am a **team player** used to working to standards within set time scales.

I have excellent **communication skills** and consistently exceed client expectations.

**SUMMARY**

SAP certified ABAP consultant

SAP certified HR consultant

**SAP ECC 6.0**, R/3 4.7, ABAP, HR, FI, PP, SD, MM, APO, XI, CM, SRM.

* Workflow, Reports, Interfaces, Conversions, Extensions and Forms ( WRICEF, RICEFW )
* ABAP, ABAP Objects, Workflow, Web Dynpro, iViews, ADOBE Forms, SmartForms, SapScripts, HR Forms, ALV, BAPI, BADI, IDOC, RFC, Exits, OSS, Dialog, LSMW, Portal
* **HR / HCM**: PA, PD, OM, BN, PY, LSO and custom infotypes

**CAREER HISTORY**

Apr 2013 - now SAP Technical Consultant

MassMutual Financial Group, Springfield, MA

SAP ECC 6.0

* Development for the DSP SDP third party distribution project (Life Insurance).
* Software Development Life Cycle (SDLC) using the waterfall model:

Architecture and Design: Develop tech design documents, Attend roundtable review sessions, Update roundtable review logs, Create unit test plans, Create unit test cases, Hold appropriate tech design/unit test review meetings, update tech design review logs, Update traceability matrix, Move documents to project repository and get architect approval via workflow, Provide development estimates to project manager.

Development: Develop code, Code & unit test plan peer review signoffs, Update code review logs, Execute and update unit test plans, Update traceability matrix with code components, Send test plan results to PM and test manager, Migrate code to QA/Preprod/Prod.

* SDLC, ABAP, Report/Interface programs, Dialog module screens, Function modules, Classes, Workflow, ALV,  
  Tables, Search helps, Domains, Elements.

Jul 2010 - Jan 2013 SAP Developer

Boston University, Boston, MA

SAP ECC 6.0

* Development of WRICEF objects for Boston University on the BUworks project.
* Lead **Workflow** developer.

Developed 5 custom workflows:

* HR workflow to control routing of 13 web dynpro forms, Vendor invoice blocking and notification workflow, Journal entry approval workflow, Security role request workflow, Customer workflow.

Development of SRM BRF workflow objects.

* Developed 15 **Web Dynpro** forms:
* Additional payments, Distribution overview, Distribution display, Faculty contract update, Position change, Position revision, Transfer, Recurring payments, Retirement, Salary change, Salary distribution, Termination, Security role request, Employee info bar, Form tracking bar.
* Developed 6 **Adobe** forms:
* FMLA notice of eligibility, Weekly paper timesheets, Payroll journal, PPS purchase order, Pay Slip for ESS, Pay Slip for payroll coordinators.
* Developed 7 **Interfaces**:
* ePayable from BOA, PA merit increase, OM merit increase, ISSO to SAP (Visa/I-94 info), Fiscal org. planning, DOR new hire reporting, Fix faculty contract data.
* Developed 8 **Reports**:
* Benefit enrollment changes, PA actions, Security roles, Four AAP/EEO Reports, Faculty contract end date.
* Developed 1 LSMW **Conversion**:
* Adjusted service date update.
* Developed multiple **Enhancements** using BADI and SMOD.
* **Portal**: Developed 7 **iViews** (transaction, web dynpro & URL), modified portal **Pages** and **Roles**.
* Attended XI/PI training.

Feb 2008 - Jun 2008 SAP Technical Consultant

Polyone, Avon Lake, OH

SAP ECC 6.0

* HR - ABAP development for the 4.6c to ECC 6.0 unicode upgrade project. Analysis of ABAP objects to determine deletion, archive or upgrade status. Upgrade and testing of ABAP objects. Helped with mock and live upgrades. Postproduction support to ensure successful upgrade.

Aug 2006 - Feb 2008 SAP Technical Consultant

MassMutual Financial Group, Springfield, MA

BW 7.0

SAP ECC 6.0

* BW - Development of start, transformation, end, expert and DTP filter routines. Development of custom programsfor the LSP life information factory project. Using ABAP and ABAP Objects.
* HR - Development and maintenance of HR programs (including learning solutions). Using ABAP and ABAP Objects. Customization of infotypes.
* Development and maintenance of code for FI and DSP (Life insurance).
* ABAP Web Dynpro training by SAP in Chicago.

Apr 2006 - Jul 2006 SAP Technical Consultant

Purdue University, West Lafayette, IN

SAP ECC 6.0

* Development of RICE objects for the implementation of SAP ECC 6.0 on the Purdue University OnePurdue project.
* Campus management / Enrollment and student affairs, HR, FI and SRM.
* Reports, Interfaces, Conversions, Exits, Forms, Function modules, BAPIs, BADIs, OSS, infotype enhancement and ABAP proxy programs for interfaces to/from XI.

Jan 2006 - Mar 2006 SAP Technical Consultant

Charmer Sunbelt Group, Baltimore, MD

SAP 4.7

* HR - Developed the delta dental outbound interface program.
* HR - Modified several HR forms to change data on custom remuneration statements.
* HR/FI - Modified several sapscripts to change data on payroll & AP checks and advice statements.
* HR - Developed a smartform to be used to record personnel data changes including salary change data.
* HR/FI - Modified user exits to change company id information in outbound bank ACH payment files.
* HR - Developed a load program to upload commission data to infotype 2010.
* HR - Modified multiple interface programs to correct errors and to update with required changes.
* HR - Developed a report to comply with multiple states new hire reporting requirements.

Mar 2004 - Dec 2005 SAP Technical Consultant

MassMutual Financial Group, Springfield, MA

SAP 4.7

* HR - performance tuning of multiple programs.
* MM - Developed a purchase order smartform to be used by the Oppenhiemer companies.
* HR - Complete rewrite of multiple benefit interface programs to use a new custom function module.
* HR - Modified multiple interface programs to correct errors and to update with required changes.
* HR - Developed four interface programs ( Agent terminations, Agent FSA, Agent life & health, Agent HSA ).
* HR - Modified multiple programs to process new employee sub groups correctly.
* CA - Developed an ALV report to be used by the Basis team to display data of transports that have been released.
* HR - Developed an ALV report to display data from configuration tables used for third party reporting.
* HR - Developed the COBRA to FlexBen outbound interface program.
* HR - Enhanced standard infotype 0378 by adding custom fields.
* HR - Developed the FSA to FlexBen outbound interface program.
* HR - Developed a custom infotype for tuition reimbursement data.
* HR - Developed open enrollment program to convert FSA, LTD/STD, Aetna HMO, BCBS to the new benefit plans.
* HR - Developed the COBRA to Ceridian outbound interface program to send COBRA event data to Ceridian.
* HR - Modified payroll journal custom HR Form for LTtax weekly Interface to add required wage type data.
* HR - Upgraded multiple programs, function modules and infotypes to make them unicode compliant.
* HR - Modified the Retirement Services outbound interface program to add an output file of payroll YTD 401k data.
* HR - Developed the Quarterly SUI to LTtax outbound interface program. The program reads payroll cluster data. Developed a custom table to assign wage type to state for SUI gross wages.

Jan 2004 - Feb 2004 SAP Technical Consultant

Hollister, Chicago, IL

APO 3.1

* APO - Developed an outbound interface program to extract stock transport requisition order data from APO to create sales orders for a 24 month period in the R/3 system using RFC call to a R/3 BAPI.
* APO - Developed three inbound interface programs to load stock inventory, sales order and purchase order data from the legacy system into APO SNP using BAPIs.

Apr 2003 - Jan 2004 SAP Technical Consultant

Foster Farms / PerotSystems, Livingston, CA

SAP 4.6C

APO 3.1

* Development of multiple RICEF objects for APO, PP, SD, FI.
* FI - Developed a BDC program to retire 12,000+ assets and to validate deactivation status of assets.
* FI - Developed conversion programs to transfer data for the intercompany transfer of 12,000+ assets.
* FI - Modified two account distribution reports to display correct data for intercompany postings.
* SD - Modified period end brokerage report to correct calculations and decimal place display.
* FI - Developed an ALV report for legal entity reporting for specified vendors, customers and GL accounts.
* APO - Updated user exits in R/3 and APO to add and validate custom fields in the CIF.
* PP - Developed an ALV report of sales order data by master order by day.
* PP - Developed a weigh & price assignment interactive drilldown report.
* APO - Developed two inbound interface programs to load production plans into APO SNP.
* APO - Developed two inbound interface programs to update loss & weight factors and supply quantities & weights.
* SD/PP - Developed a dialog program to assign sales order quantities that are grouped by master order to plants.
* SD/PP - Developed an outbound interface program to send files of master order data by plant to the legacy system.
* SD - Developed a program and output control requirement for custom output type to update a custom table.
* SD - Developed a route list report to show customer, route and load statistics for selected delivery items.
* APO/ SD/PP - Developed 21 custom tables for various processes.

Aug 2001 - Apr 2003 SAP Technical Consultant

Eli Lilly / CHC, Indianapolis, IN

SAP 4.6C

* HR - Developed and updated multiple reports, also using ALV and PNP logical database.
* HR - Developed and updated multiple interface programs, also using PCH logical database and creating IDOCS.
* HR - Developed an interface program to build PD organizational structure data in SAP.
* HR - Developed two custom PD infotypes.
* HR - Updated user exit EXIT\_SAPFP50M\_002 to correctly recalculate amounts on infotype 0008 for Italy.
* Documentation and maintenance of multiple objects for defects, changes and recoding to meet client standards.

Dec 2000 - Jul 2001 SAP Technical Consultant

Delta Technology, Atlanta, GA

SAP 4.6C1

* HR - Developed functional & technical specifications and test plans for HR conversion objects.
* HR - Created BDC conversion programs for multiple PA infotypes.
* HR - Tested the HR mini master conversion for the release/2 HR conversion project

Sep 2000 - Nov 2000 SAP Technical Consultant

Polk County School Board, Bartow, FL

SAP 4.5B

* HR - Developed five PA custom infotypes, five infotype load programs and five outbound interface programs to create files required by the Florida state department of education.
* HR - Developed other reports, interfaces and programs.

Oct 1994 - Aug 2000 Sr. Systems Analyst

Deloitte and Touche, Hermitage, TN

SAP ABAP HR Team (Jan 1996 - Aug 2000):

* Developed interface and reconciliation processes for the year-end W2 project.
* Automated the biweekly mini conversion process ( reduced run time by 60% and eliminated human error ).
* Developed multiple HR conversion and reconciliation programs for PA,PD, Payroll and Benefits as the lead ABAP and COBOL resource on the PDS Cyborg to SAP HR conversion project.
* Developed custom infotypes for Billing rates, CPA certification & education, Out of tax jurisdiction.
* Developed interface programs for benefits, tax and expense funds.
* Developed multiple reports ( including interactive drilldown and PNP logical database ).
* Applied OSS notes. Updated user exits. Participated in the interview process for selecting new team members.

Personnel Data Systems (Oct 1994 - Jan 1996):

* Developed programs using COBOL on PDS HR systems.

04/94 - 09/94 Analyst / Programmer (contract), New York State Higher Education Corporation, Albany, NY

04/88 - 03/94 Analyst / Programmer (contract ), Various Companies, United Kingdom

08/86 - 03/88 Programmer Enterprise Systems Group, Thames Ditton, United Kingdom

* COBOL, JCL, Cyborg, Honeywell Bull, DPS6, DPS8, DPS9
* Design, document, code, test and implement to site standards.

**QUALIFICATIONS**

2001 SAP Certification in HR SAP Partner Academy, Waltham, MA, USA

1999 SAP Certification in ABAP SAP Partner Academy, Atlanta, GA, USA

1986 HND Computer Studies Sheffield Hallum University, Sheffield, UK

**SAP TRAINING**

BIT610 Workflow Programming

BIT601 Workflow Build and Use

BIT600 Workflow Concepts

NET310 ABAP Web Dynpro

WT520 ABAP/4 Performance Tuning

HR530 Technical Aspects of Personnel Planning

HR350 Programming in HR

BC400 Introduction to ABAP/4