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Objective

A highly qualified IT professional seeking a senior **SAP PI/PO/CPI** consultant or **BI/BW** consultant or **ABAP** developer or Mobile application developer with a dynamic organization to carve a mutually beneficial growth path.

Technical Skills

SAP Basis, SAP XI/PI/PO/CPI, SAP BW, SAP Portal, SAP ABAP, SAP ABAP/Java Webdynpro, SAP Workflow, WebMethods, IOS/Android/Flutter Developer.

Certification

Microsoft Certifications:

- Microsoft Certified Professional (MCP)
- Microsoft Certified Professional System Engineer (MCSE-NT4)
- Microsoft Certified Database Administrator (MCDBA-SQL 7.0)
- Microsoft Certified Professional System Engineer 2000 (MCSE 2000)

SAP Certifications:

- SAP Basis Certification
- SAP ABAP Certification
- SAP BW Certification
- SAP Enterprise Portal Certification
- SAP PI Certification

Programming Language

Familiar with the flowing Programming Languages:

ABAP, SWIFT, C and C++, Java, XML, HTML, HTML5, Java Script, PHP Script, Dart, C#, ASP.Net, SQL Programming.

Education

December 1997, King Fahad University of Petroleum and Mineral (Dhahran, KSA).
Bachelor of Science in Information and Computer Science.

Personal

Saudi National

Work Experience

2007-2022

Senior SAP PI/PO Consultant (Administrator and Developer)

PETRO Rabigh via IRSAL Contracts
Jeddah, Saudi Arabia

Responsibilities as SAP PI/PO Consultant (Administrator and Developer): Technical Skills in PI/PO

- Extensive knowledge of PI architecture and configurations.
- Integrated various business systems using IDOC, RFC, JMS, SOAP, plain HTTPs, JDBC adapters, PROPIES and web services
- Configured SAP PI for communicating with SAP Systems and Third-party systems.
- Experience on mapping techniques including Graphical mapping, XSLT mapping, JAVA mapping.
- Experience in BPM and Alert Management configuration
- Experience in component monitoring, message monitoring, adapter monitoring, End to End monitoring and performance monitoring.

Some PI/PO Interfaces Details:

There are 54 interfaces to be developed for 5 different vendor systems. Error handling and alerts are used in all the scenarios. BPM and message packaging are used in some of the scenarios. Binary digital signing of xml data and message encryption in Base64 format done for interfaces that were send to financial institutions. SSL configured for all interfaces. Java Properties are used in some to access Active directory information.

PIMS (Production Information Management System):

Interfaces to PIMS are for sending and receiving the production data for Production Planning module of SAP. The messages to PIMS are B2MML compatible. B2MML (Business to Machine Markup Language) is standard of data transfer used mainly for MES systems. PI converts the native data to B2MML format and transfers to PIMS system. Most used B2MML messages are Production performance, Production schedule and Production capability. RFC adapter and Properties were used to communicate to SAP R/3 and SOAP adapter was used to communicate to PIMS system.

PLS (Polymer Logistics Systems):

Interface to PLS is developed for sending and receiving warehouse management data for the Material management module of SAP. RFID devices were used at the PLS which will communicate to SAP PI using CATAMARAN. Transfer order details and sales order details were exchanged between different systems using web services. IDOCs are used

for communicating between PI and SAP R/3 and SOAP adapters are used for PLS systems.

MarketView:

Interfaces to MarketView are developed for getting the daily price quotations for Sales and Distribution module of SAP. SAP PI gets the data every day from the FTP server of MarketView. In this project, most of the interfaces developed were to communicate between PIMS (Production Information management System) and SAP ECC 6.0. The messages are B2MML compatible. Apart from the interfaces to PIMS there were interfaces developed for Warehouse Management

System. BPM, alert configuration, email alert configuration and advanced configuration features for making the xml B2MML compatible were also developed.

E-Banking:

Interfaces to financial institutions has highly secure data. Hence for these interfaces there are two levels of security. The transport layer is secured using SSL and the data part is secured by digitally signing the xml data. Moreover, the data is encrypted.

LP Tool:

Interfaces to LP tool are used to get the planning data for sales and production. The information required for planning were send to the 3rd party and the send the plan information back.

Active Directory:

Interfaces to Active directory are used to create, update and delete users in AD domain. When a user is created, updated, or modified in SAP by the HR module, the information is passed via PI to active directory which does the required action.

Safety Project:

Interface to update and get information related to incident reports. This interface between R/3 and .Net service in Petro Rabigh SharePoint server.

Responsibilities as SAP Basis and SAP ABAP Developer:

- Architecture of SAP R/3 Programs.
- Installation of SAP components, Patches and Upgrades
- Transportation of Developments between environments
- Client administration (Creating/Copying etc.)
- Maintenance of the Database Performance
- Basis Administration tables and transaction code quick references
- Backup and Restore, Archiving, Disaster Recover, and Security
- System Monitoring and troubleshooting
- User Administration and Reporting, Management of user Roles and Authorizations
- User master records/Security tables in repository
- Central User Management
- Adding Authorization objects for transactions
- Change, create, view authorizations
- Profile Generator (pfcg)
- Roles in SAP
- SAP transaction auditing
- Troubleshooting authorizations
- RFC connections/remote users
- Transporting security objects
- Production vs. development environments
- Installed and configured BW\BI
- Designed and implemented MS ITProjects domain for Petro Rabigh IT Project.
- Designed, customized, and implemented Outlook web access for Petro Rabigh It Projects
- Customized and developed workflows and BSP application for HR Appraisal system.
- Developed ABAP reports for HR Appraisal system.
- Configured SAP LDAP connector between SAP and Petro Rabigh Active directory and developed a Web Dynpro application to update Petro Rabigh domain.

- Configured MS ISA server as proxy and firewall for internet connection.
- Installed exchanges server as Mail and SMTP server for IT project.
- Developed Web Dynpro application using Java and ABAP for security and housing departments

2003 – 2006

Senior Business Analyst

(Engineering Department – PS module)

Saudi ARAMCO via Wipro Contracts

Dhahran, Saudi Arabia

Responsibilities as BW Consultant (Administrator and Developer):

- Designed & Developed custom DataSource, InfoSource, Extractor, InfoCube and ODS to fulfill user requirements.
- Developed Transfer rules, Update rules and Start routines using ABAP to incorporate Business logic and perform data manipulation.
- Developed data loading strategies for master data, transactional data and delta uploads.
- Created process chains for data loading, delta uploading and periodical PSA deletion.
- Extracted and loaded data from SAP R/3 into InfoCube using DataSources (Generic, FM and InfoSet).
- Extensively worked on Query Designer and Web application designer to create Queries for analysis using Restricted Key Figures, Calculated Key Figures variables, filters and exceptions.
- Developed FM extractors for transactional data (full and delta upload).
- Developed FM extractor for custom hierarchy (Full and delta upload).
- Created SAP workflows to send data to BW.
- Worked with transactional ODS to send direct delta to BW.
- Developed BW dashboard (To show BW reports and department info.) using BSP, JavaScript and WAD.
- Customized BW web Reports using web design API functions.
- Worked with Visual Composer and Adobe Flex (add-on component in VC).
- Developed BSP for BW reports using ODS tables.
- Developed and Implemented Java applications as data sources to SAP BW.

Other Responsibilities as SAP Developer (ABAP, Portal, Workflow and PI)

- Developed ABAP transactions, workflows, SAP reports, smart forms, SAP PI Properties, and BSP applications in SAP R/3.
- Designed web applications and web reports in SAP Portal and BSP.
- Linked third party applications using SAP PI to SAP R/3.
- Developed part of Estimation SAP Workflow.
- Developed web application using Adobe Flex and BSP.

2001–2003

SAP Basis Consultant (Basis and ABAP Developer)

National Petrochemical Industrialization Co. (NPIC), Permanent position

Al Jubail, Saudi Arabia

Responsibilities:

- Installation of 4.6c (Windows 2000 server)
- Installation of SAPGUI.
- System and Performance Monitoring.
- R/3 Security Administration.
- Database and Background Administration.
- Database Administration (Oracle DB) Using SAPDBA, BR tool, Database Backup Online and Offline (DB13, BRBACKUP, BRRESTORE, BRARCHIVE).
- Create & manage the scheduling of batch jobs
- Defining, Analyzing and Maintenance of Background Jobs. (SM36, SM37)
- Spool & Printing management & troubleshooting includes installation of printer, solving users printing problem
- Worked on the client's raised help desk tickets or case User creation/deletion/lockdown/modification
- Adding the roles, profiles to the user up on request
- Role Maintenance
- Monitoring of Lock entries and update failures
- Checking the logs of the regular maintenance jobs
- Configured TMS using Transport Management System (STMS, SE06, SE03, SE09)
- Transport of requests between the system landscapes
- SAP R/3 production 24 X 7 support.
- SAP daily system monitoring
- Applying Support Packages and Kernel upgrade
- Assigning the Operation Modes
- Developed and enabling SAP R/3 workflow.
- Configured and installed SAP BC
- Installed and configured ITS,
- Developed ABAP transactions, reports for Basis used and smart forms.
- Integrated SAP with MS Active Directory and Exchange 2000.

2000–2001

Technical Consultant (System Engineer)

SABIC-Headquarter, Permanent position

Riyadh, Saudi Arabia

Responsibilities:

- Worked with a team of programmers, technical support specialists, database administrators, system analysts, and other associated IT professionals to create integrated range of SAP solutions for all SABIC affiliates.
- Involved in upgrade to W2k and E2k for all SABIC affiliates with SABIC Technical team.
- Software evaluation
- Integration between SAP R/3 and MS active directory or any application for SABIC Fanar (SAP R/3 implementation) project.
- Designed and implemented Exchange 2000 Outlook Web Access (OWA) for SABIC-HQ
- Member (team of two administrators) of SABIC Enterprise Admin for E2k and W2k.
- Member of Fanar SAP authorization and security team.

1998–2000

Network Engineer

SABIC-Saudi Iron & Steel Co. (Hadeed) , Permanent position

Jubail, Saudi Arabia

Responsibilities:

- Installation/maintenance of Hardware and Software component.
- Configuring the router, bridges, detecting network error and rectifying the same.
- Administered and configured MS Windows 95 / 98, Windows NT
- (Workstation and Server), Internet Information Server 4.0 (IIS), Exchange server 5.5, Microsoft System, Management server 2.0 (SMS), MS SQL 7.0 and other software application.
- Installation of OS and setting up the user profile in 95/98.
- Installation the Antivirus and scheduling the cleanup regularly.
- Checking the Customer logbook and attending the customer calls.
- Troubleshooting the hardware / network problems.
- Installing and maintaining the Software's like WIN-95, WIN-98, UNIX, and
- ANTIVIRUS with Clients.
- Organizing Road Shows with technical backups.
- Implemented interfacing project between SAP R / 3 (IDOC) and Oracle using
- Web method with Java adapter and also between Oracle and MS SQL server.
- Developed specific customized tools with MS Visual Basic to automate network
- administrative task.
- DB administrator for MS SQL and Oracle Databases **Personal**

