|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Sandeep Kumar  Dallas, TX 75240   |  |  |  | | --- | --- | --- | | +1(945)-308-8291 |  | Sandeep.ak.sapworld@gmail.com |     **Senior SAP Integration Consultant - PI PO/CPI/BTP/EDI with a proven track record of implementing and optimizing On-premises and Cloud integration solutions for various clients. Skilled in leveraging SAP technologies to streamline business processes, improve operational efficiency and drive digital transformation. Proficient in designing and implementing robust integration architectures, API management, and data synchronization strategies.**  **Accomplishments**   * Greatly appreciated by the client for securing the entire PI PO application by updating the TLS certificates across all the major business interfaces that includes sensitive customer information. This complete project was delivered all alone within the deadline which was an impossible task to accomplish. * Received great appreciation and positive feedback from clients from all my previous projects for delivering high-quality SAP PI/PO/CPI solutions that meet or exceed their expectations, fostering long-term partnerships and repeat business opportunities. * Designed and developed custom integration solutions for complex business requirements, such as integrating SAP with third-party logistics providers. This resulted in enhanced data accuracy and real-time visibility of supply chain processes. * Successfully managed and delivered multiple integration projects within scope, on-time, and on-budget, demonstrating strong project management skills and effective stakeholder communication. |  |

.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Professional Summary**   * SAP Integration Specialist with over 10 yrs of extensive experience in SAP Net Weaver's Process Integration/Process Orchestration (PI/PO (7.0, 7.1, 7.3, 7.4, and 7.5), SAP CPI, SAP BTP. * Specialized in implementation Projects, production support projects, and migration projects. * Extensive experience with end-to-end delivery of the Interfaces which include Design, Development, Testing, and Delivering the interfaces as per the client's requirement. * Experienced in using A2A adapters such as IDOC, IDOC\_AAE, RFC, FILE, JDBC, SOAP, SFTP, HTTP, HTTP\_AAE, REST, SFSF (Success Factors), Ariba Network Adapter. * Experienced in using B2B Adapters which includes AS2, EDI Separator etc. Experienced in B2B Add-On concepts which include TPM (Trading Partner Management), Functional Profile Property configurations, NRO Configurations, and Content Management. * Worked on different Phases of the SAP Integration Solution Advisory Methodology to strategically align the IT systems, optimize operations, and fully leverage the capabilities of SAP’s integration tools to drive business growth. * Creating configuration scenarios for A2A and B2B Integration for various formats. * B2B add-on configuring adapters AS2, EDI Separators in both B2B add on tool. Knowledge of installing and using Certificates. * Setting up EDI connections using VAN or internet using FTP, SFTP or AS2 adapters. * Customized and optimized SAP CPI components, including iFlows, Integration Flows, and Adapters, to align with specific business requirements. * Worked on SAP BTP Cloud platform cockpit setup. * Experience in transport using File Transfer, CTS +, and Charm. Knowledge of Integrating On-premises SAP with the Cloud using PI or HCI. * Experienced in creating User Defined Functions (UDF) which includes Simple and Complex UDF's. * Skilled in crafting Java mappings to customize message processing and implement complex logic within integration scenarios. Proven ability to write efficient Java code to manipulate message payloads and execute calculations. * Experienced in Data Conversions using Fix Values, Value Mappings and Value Mapping replication using Java Mapping. * Good knowledge of BPM (Business Process Management) and BRF (Business Rules Management). * Worked with Basis in deploying SSL & AS2 Certificates to communicate with partners using AS2 adapter using HTTP protocol. * Actively involved in the Unit testing and Integration Testing of the developed objects. * Expertise in providing support through collaboration with cross-functional teams. * Expertise in securing communication with SAP PI and Web Services. * Experienced in working with ABAP Proxy which includes both Client Proxy and Server Proxy developments. * Great Problem solving and decision-making skills to deliver the technology solution in time and within budget. Able to accurately estimate work effort based on functional or technical specifications.   **Skills**   * Enterprise Integration Architecture. * SAP Integration Suite * SAP Business Technology Platform * SAP Cloud Platform Integration (CPI) * SAP Process Integration & Process Orchestration (PI-7.1/7.3/7.4) /7.5) * SAP R/3 4.7, my SAP (ECC 5.0 & 6.0) * S/4HANA Cloud and S/4HANA On-Premises * Application Interface Framework * Java, ABAP, NWDS, Eclipse, * WEB UI, SOAP UI, Postman, XML, Json, XSLT, Java Script, Groovy Script, Node.js. * Windows 2000/NT/XP, UNIX, Windows Server 2003, MS Office   **Work History**  Sr. SAP INTEGRATION CONSULTANT - CPI/BTP   |  |  | | --- | --- | | *KG, Dallas, TX* | *June 2022 - Current* |  * Interact with key business users, project stakeholders, technical team, and functional consultants for gathering integration business Requirements. * Worked closely with Architect teams and delivered comprehensive integration solutions using SAP BTP Integration Suite, ensuring seamless connectivity between cloud and on-premises systems. * Established SAP CPI Tenants for Test and Production from BTP Cockpit. * Designed, developed, and documented APIs using SAP BTP - APIM, adhering to best practices and standards. * Worked on CPI, C4C, and backend SAP ERP end-to-end connectivity using HTTPS/certificate authentication and configured communication systems/agreements in C4C for on-premises integration. * Developed and executed a comprehensive integration strategy & Conducted risk assessments using Integration Advisory. * Worked on different Phases of the SAP Integration Solution Advisory Methodology to strategically align the IT systems, optimize operations, and fully leverage the capabilities of SAP’s integration tools to drive business growth. * Experienced in using B2B Adapters which includes AS2, EDI Separator etc. Experienced in B2B Add-On concepts which include TPM (Trading Partner Management), Functional Profile Property configurations, NRO Configurations, and Content Management. * Utilized CPI Design Objects/Pallet Objects such as Content Modifier, Content Enricher, Data Transformation and Mappings, Content-Based Routing, Sender and Receiver Steps, Integration Process, Local Subprocess, Exception Subprocess, Events, and Asynchronous processing. * Conducted requirements-gathering sessions with stakeholders to understand business needs and translate them into technical EDI specifications. * Designed and developed end-to-end EDI solutions on SAP BTP, ensuring seamless integration with external partners and systems. * Create and maintain trading partner profiles that capture the unique business-to-business (B2B) requirements of each partner. * Implemented mapping and translation logic using SAP BTP Integration Services to facilitate data exchange according to EDI standards (EDIFACT, ANSI X12). * Setting up and configuring communication channels for EDI-based communication with trading partners. * Configured API gateways in SAP BTP - APIM to manage API traffic, enforce security policies, and control access to backend services. * Integrated SAP BTP - APIM with SAP systems (e.g., SAP S/4HANA, SAP ERP) to expose SAP functionalities as secure and scalable APIs. * Defined clear API specifications, including endpoints, request/response formats, authentication methods, and data transformations. * Implemented comprehensive monitoring and analytics solutions within SAP BTP - APIM to track key API metrics, including usage, performance, and health indicators. * Configured a few Standards iFlows for Sales Cloud related Integrations and created multiple custom iFlows for different applications and Business scenarios. * Involved in Cloud Connector, Web service, IDoc set up for Inbound and Outbound scenarios. * Configured different Adapters Viz., SOAP, IDoc, SFTP, HTTP, Process Direct and Mail as part of Integration. * Implemented Client certificate-based SOAP/HTTP authorization and key based SFTP authorization. * Monitoring and troubleshooting B2B interfaces to ensure smooth operations and timely resolution of issues. * Provide Technical Leadership and Guidance with SAP BTP mentoring junior developers and sharing best practices with the team. * Developed integration strategies and roadmaps aligned with clients' digital transformation goals, ensuring seamless integration of SAP BTP with on-premises and cloud systems. * Provided technical leadership and guidance to integration teams, promoting best practices and ensuring high-quality deliverables. * Led workshops and training sessions on SAP BTP Integration Suite, enhancing team capabilities and fostering knowledge sharing. * Conducted performance tuning and troubleshooting of integration solutions to enhance system stability and reliability.   **Environment:** SAP BTP-IS, SAP PO 7.5 and EDI Integration.  SAP PI/PO Analyst-Dev & AMS   |  |  | | --- | --- | | *T-Mobile, Seattle, WA* | *April 2019 - June 2022* |  * As an SAP Middleware consultant, responsible for the end-to-end development of interfaces to facilitate seamless communication between the client and their partner and vendor systems. * Led the AD Team and consistently delivered project deliverables on time and within budget, exceeding client expectations and contributing to overall project success. * Led the Application Support Team, overseeing issue resolution, system maintenance, and performance optimization, ensuring seamless operations and minimal downtime. * Empowering enterprises with trustworthy and insightful data by establishing robust governance, ensuring high quality, and enriching data assets across the organization. * Expertly led the implementation of TLS 1.2 encryption, fortifying communication security between SAP PI and partner systems across the entire enterprise landscape. * Transformed business needs into actionable technical solutions by expertly gathering and translating functional requirements into precise technical specifications. * Actively involved with the basis team in deploying the PI standard content for SAP OER (Object Event Repository). * Developed message mappings in PO for EDI 850, EDI 860 outbound to R3 message type ORDERS & Developed mappings for EDI 997 inbound to R3 message type STATUS. * Worked with Basis in deploying SSL & AS2 Certificates to communicate with partners using AS2 adapter using HTTP protocol. * Actively involved in the Unit testing and Integration Testing of the developed objects. * B2B add-on configuring adapters AS2, EDI Separators in both B2B add on tool. * Knowledge of installing and using Certificates. Setting up EDI connections using VAN or internet using FTP, SFTP or AS2 adapters. * Configured email alerts via local and exception subprocesses to promptly notify and handle production landscape failures for effective exception handling. * Responsible for handling and maintenance of SAP PO system providing application support 24/7 as needed. * Monitoring Dev, QA, & Prod servers and sending the status report on timely basis to the project management team, select the previous date and “Acknowledge” the entries. This should be done daily. * Analyze user requirements, procedures and problems to automate processing and to improve the existing system. * Analysis, conversion coding, code walkthrough, unit testing and integration testing. * Assist production support and development staff in debugging middleware application defects. * NWA configuration, which is required for IDOC connections, loading signing certificates etc. * Attending the functional walkthroughs and making the designs converted into technical, do the link tests, Unit tests, and Assembly tests to avoid any issues after go-live or in UAT. Provide support to the client at PT, UAT and PGLS incidents. * As part of the Operational Management, maintenance activities ensure that the current applications are used in the most effective way to support the business processes, using a minimum of resources. * Responsible for resolving daily issues in accordance with SLA guidelines, regardless of ticket severity. * Check for errors (Data, system and Application errors) in PI Monitoring and Support tool. Identify and resolve the issue. If necessary, create an incident in PIER ticketing tool. * Maintaining 500+ Interfaces in enterprise landscape utilizing SAP PI/PO. * Check for any communication channel errors. Check and resolve the issue and if necessary, create an incident ticket and assign it to the relevant team.   **Environment:** SAP PO 7.5, 7.4. SAP ECC 6.0, windows XP, NWDS, Remedy Ticketing Tool, JIRA for AGILE, XML, SOAP UI, Oracle SOA, MS-Office.  SAP PI/PO Technical Consultant   |  |  | | --- | --- | | *PacifiCorp, Portland, OR* | *August 2017 - April 2019* |  * Designed and documented integration artifacts, including comprehensive Integration Documents, Contract Documents, and precise Mapping Specifications, ensuring clarity and alignment for seamless project execution. * Designed and developed interfaces using FILE, IDOC, PROXY, SFTP, JDBC, and SOAP Adapters, and utilized graphical mapping and standard functions extensively in message mapping. * Documented all the EWM interfaces and integration process and created detailed design and technical design documents for all existing active interfaces. * Responsible for requirement gathering from the business team (requirements specification doc), determining the scope of existing interfaces and SAP PI and correspondingly generating the Gap Analysis doc. * Creation of ESR and ID Objects along with Technical Specification Preparation. * Materials, customers integrated from ECC to C4C. * Extensively worked on Graphical Mapping. * Involved in FSCM integration. * Development of Rice along with Technical Specification Documentation. * Participation in Knowledge Transition Calls. * Hands-on runtime workbench for message monitoring, Component monitoring, and end-to-end monitoring. * Created Value mapping replication for mass uploading entries using Java proxy. * Review of objects – Code Review and Technical Specifications. * SAP archiving to increase the space and for better performance. * Worked on Material Master, IDOC (MATMAS) to XML interface from SAP ECC to a 3rd party involving complex field and value mapping. * Developed Purchase Orders (PO), IDoc (ORDERS05) to XML interface from SAP ECC to a 3rd party, with acknowledgment receipt. * Worked on Goods movement XML to IDoc from other to SAP ECC to post goods issue * and Goods Receipt. * Inventory adjustment/balance SOAP to BAPI interface from 3rd party to SAP ECC to perform on-demand and periodic inventory synchronization. * Setup ABAP Proxies for the interface between SAP PI and the third-party systems. * Inbound XML to BAPI interface to create and modify records in custom tables. * Creating and modifying the PI Alert configuration according to the business needs. * Monitoring queues, resolving the day-to-day PI system errors.   **Environment:** SAP PO 7.4, SAP ECC 6.0, Oracle, Windows XP, MS, NWDS.  SAP Technical Consultant-PI   |  |  | | --- | --- | | *Bramasol, Santa Clara, CA* | *June 2016 - August 2017* |  * Responsible for developing SAP PI related objects in developing interfaces from scratch. * Precise discussion with Functional Consultants to identify interfaces, structures, messages and Business logic for the implementation. * Configured Integration directory by using integration scenarios and routing rules, receiver and interface determinations, receiver system endpoints, context objects and communication parties and channels. * Worked on integrating B2B scenarios using B2B – Add on adapters with the support of AS2 adapters, EDI Separators, and B2B-add on in SAP PI. * Check for errors (Data, system and Application errors) in PI Monitoring and Support tool. Identify and resolve the issue. If necessary, create an incident in Service Now and Check for any communication channel errors, Check and resolve the issue and if necessary, create an incident in Service now. * Experience designing, configuring, documenting, prototyping, testing in the following areas: ERP, JAVA, UI. * Building the interfaces as per the new development standards and perform component testing and comparison tests Worked on built-in functions and wrote user-defined functions. * Movement of objects from AS-IS to TO-BE landscape to the sandbox and dev systems using file transport. * Moving the objects from dev to QA using CTS+ transport. Worked on built-in functions and wrote user-defined functions. * Integrating the 3rd party systems with the AS2 adapter. Monitoring and maintaining the See burger workbench by mean of creating the See burger splitter entries, counter, variables. Reviewing and Build the CI interfaces and taking care of no defects in PT and UAT should come. * Worked on the EDIFACT messages DESADV, ORDERS, INVRPT, ORDERS, and INVOIC in 93A, D01B and 96A versions. * Integrating the 3rd party systems with the AS2 adapter. Developing ABAP Proxy for proxy scenarios and configuring Net Weaver Administrator objects. * Giving support to product testing and UAT and fixing the issues. Worked on built-in functions and wrote user-defined functions. * Preparing the cutover documents worked on built-in functions and wrote user-defined functions. * PGLS support (BGL and TGL).   **Environment:** SAP PI 7.0, 7.3.1, SAP R/3 ECC 6.0.  SAP Associate /Training Consultant   |  |  | | --- | --- | | *Aimic IT Sol, Hyderabad, Telangana* | *September 2012 - December 2014* |  * Responsible for maintenance and support of the system. Monitoring the priority tickets and providing necessary support to the business as needed. * Developed alerts which in turn generate emails if something went wrong in the messages process in an interface. * Supporting monthly housekeeping activities. * Involved in configuring the interfaces. * Handling web services by generating and publishing the WSDL descriptions in PI. * Worked closely with the BASIS team in getting the base configurations on the server ready for development. * Worked with BASIS in creating Software components, Products, Technical Systems and Business Systems for SLD. * Creation of ESR and ID Objects along with Technical Specification Preparation. * Worked on Adapters File, Proxy, SOAP. * Development of Ricefs along with Technical Specification Documentation. * Participation in Knowledge Transition Calls.   **Environment:** SAP PI 7.31.  **Education**  SFBU at Fremont  Master of Science **in** Information Technology & Management    April 2016  JNTU at Hyderabad, Telangana  Bachelor of Science **in** Information Technology    April 2012 |  |