

Vikram Kumar Erukulla
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SUMMARY:

- SAP Integration Architect with **11+** years of experience in greenfield, brownfield implementations, Upgrades, and support projects with process knowledge in **Consumer Goods, Life Sciences, Oil & Gas, Automotive & Retail** Industries.
- Strong Experience in SAP Integration Landscape, SAP PO/CPI Elevated Level Architecture and **SAP BTP** Components like **Integration Suite, IPS, IAM, API Management, Cloud Connector, Business Application Studio**.
- Experience in driving Technical & Network Level Architecture for SAP PO & CPI in Private and Public Cloud Infrastructure like Windows Azure, AWS, and SAP BTP.
- Successfully implemented **world's first S4HANACLOUD** brownfield implementation project in Oil & Gas Industry, One successful greenfield implementation project in **S4HANA PRIVATECLOUD**, One successful greenfield implementation project in **S4HANA ON-PREM**, One successful implementation of **SuccessFactors** EC Integration.
- Possess Coding Skills in ABAP Reports, IDOC Enhancement, **ODATA (CDS Views), SOAP Webservices enhancements**, Remote Function Modules, Data Dictionary in ECC/S4HANA and Extensions in S4HANACLOUD.
- Exposure on SAP SuccessFactors Employee Central Module, API Centre, ODATA/SFAPI APIs like **Compound Employee, Position, EmpJob, RBPRule, RBPRole**, etc.,
- Good Experience in **PAAS/SAAS** integration scenarios of **Cloud-to-Cloud** and **Cloud-to-on-premises** systems.
- Good experience in S4HANACLOUD, PI, PO, CPI, SQL, WBI, Web IDE, API Management and able to provide best programming method and rationale for End-to-End business requirements.
- Expertise in handling security practices in Interfaces at Message and Transport Level Encryptions like **SSH, SSL/TLS, PGP, Signing, Signatures**, etc.,
- Experience in multiple Implementation, Upgrade & Support Projects with good Problem analysis, fit-gap analysis skills.
- Excellent experience on Mapping Techniques especially in **Graphical Mapping, Java Mapping, XSLT, Groovy Scripts** in SAP PO/CPI.
- Developed custom adapter module for Integration between **Google Cloud Platform** and SAP PO and CPI.
- Able to develop complex custom interfaces and configure existing pre-packaged content in SAP CPI/API Business Hub.
- Exposure on **Open Connectors** in CPI which can establish connections with 150+ cloud apps.
- Work Experience on **Integration Advisor, Partner Directory & Trading Partner Management** for **B2B** Integrations in CPI.

- Proficient in using Integration Process design techniques like **Content Modifier, Content Enricher, Request-Reply, Sequential Multicast, Parallel Multicast**, etc., in CPI Palate.
- Expertise knowledge in configuration of various adapters (**ODATA, SuccessFactors, FTP, SFTP, JDBC, RFC, SOAP, IDOC, Proxy, HTTP, JMS, Mail, AS2, REST**).
- Experience in Interfacing Message Formats such as **JSON, EANCOM/EDIFACT, CSV, Idocs, Flat Files, XML, HTML, ABAP Proxy, RFC, SQL** in SAP CPI.
- Experience in designing End-to-End Integration Solution of Standard/Non-Standard Functionality in SAP with Non-SAP systems in **Sales, Procurement, SCM, Finance and Warehouse Management, HCM**.
- Experience in using **API Portal, Developer Portal, API Designer** in SAP API Management.
- Experience in using Policies like Service Callout, Lookup Cache, XSL Transform, Key Value Map Operations, JavaScript, Basic Authentication, Verify API Key, etc.,
- Experience in SAP EDI in process areas like Order-to-Cash, Record-to-Report, Procure-to-Pay, Supply Chain, Field Logistics, Work Management and Output Determination techniques.
- On-Site experience working at Client Location in **Sweden, Denmark, Germany & USA**.
- Experience in working directly with client counter parts (Business Process Managers, Solution Architects, Technical Architects)
- Good experience in delivering the projects in **Agile Methodology** (JIRA, Azure DevOps, Sprint Planning, Kanban Board, Scrum)

TECHNICAL EXPERTISE:

Integration Tools	SAP BTP Integration Suite, CPI, Integration Advisor, SAP API-M, PI 7.1, PO 7.5, SAP B2B Add-on, Business Exchange Services (DXC).
SAP HANA	Business Application Studio, UI5, HANA Studio, SCC, DS Agent, Reverse Proxy, S/HANA Public, Private on HEC, On-Prem.
ERP	SAP R/3 4.6c, 4.7EE, ECC 6.0 & Modules SCM, OTC, FI, HCM, BW, SAP MDG, SRM, CRM, Ariba, Hybris Cloud, SuccessFactors, Concur, SAPC4C & Salesforce, Solution Manager.
ABAP/4	Data Dictionaries, Dialogue programming, Reports, Transactions, BDC, SAP Script, Query, LSMW, BAPI, ALE, RFCs, IDOCs, EDI , Workflow
Programming Languages	JavaScript, Groovy Script, C, Java, ABAP/4, SQL, PL/SQL, UNIX Shell Scripting
External Tools	POSTMAN, SOAPUI, Altova XMLSpy, Eclipse, FileZilla, NWDS.
Other	ODATA, VDA, MES, JDBC, XSD, WSDL, XSLT, EDI ANSI X12, EDIFACT, SOA, ESA, cXML, JSON, ARIBA.

Education:

Bachelor of Engineering from Jawaharlal Nehru Technological University, India

Projects:**thyssenkrupp Materials, US****Feb'23-Till Date****Role: SAP BTP/PO/PI Architect***TM/LBN Implementation***Responsibilities:**

- Implemented the whole project in SAP Activate Methodology in Agile.
- Currently working on the SAP PO HANA Migration project.
- Proposed and developed SAP Integration Architecture which mainly covers integration between S4HANA and loosely coupled applications on BTP.
- Created LOEs and Project Plan of Interface Development including BTP Components like BAS, Integration Suite, and ABAP.
- Working experience in upgrading from SAP PI 7.1 dual stack version to SAP PO 7.3 version.
- Designed and developed stand-alone applications in Supply Chain Management in SAP BTP using CAPM, BAS, MTA, HANA CLOUD DB, CPI, API-M & Open Connectors.
- Developed multiple SAP UI5 apps and integrated with S/4 HANA and deployed in SAP CF environment.
- Worked in design of interfaces in Transportation Management & Ariba Integration.
- Extensively worked on SAP to SAP, A2A and B2B applications.
- Implemented DATAMART solution using SAP Fiori Reporting & Fiori Query.
- Developed the design of Ariba (In-Network & Out-Of-Network) Supplier Integration using CIG & BTP-Integration Suite.
- Involved in Developing B2B interfaces using See burger adapters. Involved in configuring See burger adapters and worked with Message classifier, BIC adapter and Message Splitter. Configured all the see burger modules in the Communication channels. Monitored EDI messages in Seeburger message tracking gateway as well as in XI.
- Designed and developed 20+ interfaces in BTP using CPI and API Management.
- Cut over plan, Cloud Transport Management and Early Go-Live Support.

Environment: SAP BTP Integration Suite, Cloud Transport Management CI/CD, Azure DevOps, SAP CPI, API-M, S/HANA, UI5, SAP HANA Cloud, HTTP(S), Fiori Apps, AGILE, TMS.

BrightDrop, US**Aug'21-Jan'23****Role: SAP BTP Integration Architect***S4HANA CLOUD Implementation***Responsibilities:**

- Implemented the whole project in SAP Activate Methodology in Agile.
- Proposed and developed SAP PO/PI Integration Architecture which mainly covers integration between S4HANACLOUD and multiple third-party systems.

- Created LOEs and Project Plan of Interface Development including BTP Components like CPI, BAS-UI5/FIORI, SAP HANA Cloud, API Management and ABAP.
- Experience on SAP ABAP Proxy report development to interface with SAP PO end to end.
- Designed and developed Logistics Portals in SAP BTP using CAPM, BAS, MTA, SAP HANA DB, Integration Suite services.
- Worked in the design of interfaces in different streams like O2C Process Automation, VMS, Sales, Procurement, Digital Vehicle Hub, SAP Commerce Cloud, Salesforce CRM.
- Having Experience with OData and SOAP services and Integration with CPI.
- Designed and developed 50+ interfaces in BTP using CPI and API Management.
- Developed complex Groovy Scripts in CPI for build and transform file types like XML/JSON/HTML/Flat File/CSV/MIME, retrieve keystore/security artifacts, JWT 2.0 Authentication, simple and multi object HashMap's, Document & String Builder, SFTP Connect/Disconnect, retrieve partner directory content, Logging Payload, retrieve value maps, etc.,
- Implemented Integration Advisor & Trading Partner Management (TPM) for B2B Customers, 3PL Providers & Suppliers.
- SME OAUTH 2.0 Implementation for all the secure data transformations from SAP CPI.
- Developed complex custom integration flows in SAP CPI between SuccessFactors Employee Central and third-party systems using Compound Employee, EmpJob, Emp Compensation, Position, RBP Roles, etc.,
- Explored and configured pre-packaged contents in SAP CPI for integration between SuccessFactors and SAP S4HANA/ECC systems.
- Implemented Standard ADP integration and responsible for all the connectivity and configuration implementation.
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- Designed sophisticated solution using BTP Components like UI5/FIORI, HANA DB, CPI, API Management to monitor/reprocess critical errors, Get/Post Bank Transactions.
- Configured and activated ODATA APIs through SAP Gateway and performed basic configurations in IBM Sterling Integrator.
- Developed custom groovy solution to convert ANSI X12, EDIFACT EDI standards to SAP S4HANA RFC/SOAP/ODATA standards in CPI.
- Cut over plan, Cloud Transport Management and Early Go-Live Support.

Environment: SAP BTP Integration Suite, Cloud Transport Management CI/CD, Azure DevOps, SAP CPI, API-M, S/HANA-Public Cloud, UI5, SAP HANA Cloud, Core FI, SuccessFactors EC, HTTP(S), Fiori Apps, AGILE, HCM, SCM, O2C, S2P, SFTP, REST, OData, PGP, APIs, LDAP, SSL, OAuth2.0, SAML, client certs.

PepsiCo, US

Sep'19-Jul'21

Role: SAP Cloud Integration Architect

S4HANACLOUD Implementation

Responsibilities:

- Involved in design, architecture, and implementation of Legacy Application transformation to S/4HANACLOUD and SCP/BTP application solutions and offerings using different integrations tools and set up the platform using SAP CPI.
- Implementation of SAP SAS and with different clients internal and vendor systems like IBM Maximo, Workday, Google Cloud Storage, Oracle Application etc., using SAP CPI, API-M as the main middleware.
- Having Good Knowledge of utilizing CPI Standard Adapters and connectivity technologies (SOAP, SFTP, IDOC and etc.)
- Participated in workshops gathering initial requirements from various levels of Business Users, Product Owners, and End Users.
- Proposed and developed Integration Design Strategy and Architecture which mainly covers integration between S4HANACLOUD and IBM Maximo.
- Created High Level Estimates and Project Plan of Interface Development including extensions.
- Performing Fit-Gap analysis for new and existing business processes.
- Designed and developed the architecture of 30+ interfaces in CPI and API Management where source of truth is S4HANACLOUD.
- Worked in design of interfaces in different streams like Supply Chain, Plant Maintenance, Finance.
- Cut over plan, Transports Management and Early Go-Live Support.

Environment: SAP CPI, SCP/BTP, SCC, S/4HANA-CLOUD, IBM MAXIMO, Core FI, SOAP, HTTP(S), Fiori Apps, IDOCS, BAPI, AGILE, SFTP, REST, OData, PGP, APIs, OAuth2.0, SAML, client certs, AWS S3.

IKEA, US

May'18-Aug'19

Role: SAP Cloud Integration Architect

SAP Global Template Solution & Design

Responsibilities:

- Participated in workshops gathering initial requirements from various levels of Business Users, Product Owners, and End Users.
- Coordinated with Technical Architects and SAP teams in driving them to use the best practices of SAP PO & CPI Architecture.
- Performing Fit-Gap analysis for new and existing processes.
- Developed & Deployed 50+ interfaces in CPI & PO where source of truth is SAP SuccessFactors.

- Worked on ISA-M technique with SAP to decide the middle-ware technology which must be used for interfaces within the Landscape.
- Participated in discussions to ensure the Interface security in cloud-to-cloud integrations.
- Provided solution design and implementation of interfaces in different streams like SuccessFactors Employee Central, Learning, Performance, Compensation.
- Created test scripts for Unit Test, System Integration Test and Functional Tests.
- Defect fixing for technical discrepancies and early Go-Live Support.

Environment: SAP CPI, SAP PO 7.5, SCP/BTP, SCC, S/4HANA-ON-PREM, GCP, Core FI, SOAP, HTTP(S), Fiori Apps, IDOCS, BAPI, AGILE, SFTP, REST, OData, PGP, APIs, OAuth2.0, SAML, client certs.

Boehringer Ingelheim, US

Nov'17-Apr'18

Role: SAP Integrations Specialist

SuccessFactors Implementation

Responsibilities:

- Provide End to End Solutions in SAP Integration which involves solution in Integration (PO, CPI, DXC) and Non-SAP Systems which covers HCM, Sales, Procurement, Logistics, Finance and Warehouse Management Modules.
- Provided Very High Level, Indicative and Actual Estimates for Business requirements in SAP CPI, PO, and EDI.
- Provided solution design to migrate Business Process from SAP BODS to SAP PO 7.5
- Developed 8 complex interfaces in SAP CPI between SuccessFactors and non-ERP payroll systems in two countries.
- Explored and configured pre-packaged contents in SAP CPI for integration between SuccessFactors and SAP ERP systems.
- Provided early live support for the standard and custom interfaces gone live in SAP CPI.
- Worked with different country stake holders on SAP configurations and EDI Mapping Specifications to onboard new customers/vendors in SAP.
- Worked on Integration Road Map of Client and proposed suitable solutions which reduced maintenance cost of Integration.

Environment: SAP CPI, SAP PI, SAP PO, SuccessFactors, ECC 6.0, HCM, OTC, Finance.

Carlsberg, Copenhagen, Denmark

May'15-Oct'17

Role: SAP PI/PO Consultant

SAP PI to PO Migration

Responsibilities:

- Helped Integration Technical Architect in Time Estimates to Migrate 500+ interfaces from SAP PI 7.1 to SAP PO 7.5.
- Analysis on Architectural Changes from SAP PI 7.1 to SAP PO 7.5 Application.
- Coordinated with different country stake holders on Approval of Interfaces from stages build to deploy into production.
- Provided the proof of concepts in SAP PO 7.5 and SAP B2B Add on.
- Built/Tested and Deployed All the Interfaces running in IBM WBI to SAP PO 7.5.
- Lead the team of 9 members in guiding them in various processes/workflows involved in Migration of Interfaces.
- Create and Review System Integration Test, Performance Analysis Documentations involved in Project Delivery.

Environment: SAP CPI, SAP PI, SAP PO, SuccessFactors, ECC 4.7, ECC 6.0, HCM, OTC, SCM, Procurement, Finance.

Carlsberg

Feb'13-Apr'15

Role: SAP PI/PO Consultant

Global Template Roll Out

Responsibilities:

- Built, Tested and Deployed Interfaces based on Technical Specifications in SAP PI.
- Built Complex Graphical Mappings in B2B Scenarios using SAP PI and SEEBURGER Workbench for one of the Carlsberg Market.
- Written Test scripts for BATs (Business Acceptance Testing), UAT (User Acceptance Testing), CRP (Conference Room Pilot).
- Performed Unit, String and Regression Testing.
- Documented and managed defects & issues related to the testing of the designed solutions/Bug fixes and RCCA (Root Cause Corrective Action).
- Review of FSD (Functional Specification Documents), TSD (Technical Specification Documents), BR100s (Business Requirements –Configuration/Setup Documents).
- Early Go Live Support for Planned Releases in Project.
- Support and Run Weekly Loads in ETL for Supply Chain Management.
- Provided extended support on UKMS mappings for data integration with SAP and Legacy SAP systems.
- Created Technical specifications based on Functional Specifications.

Environment: SAP PI 7.1, ECC 4.7, ECC 6.0, MES, ASTRO, SRM, CRM, PP, SCM.