**VENGATAKRISHNAN P**

# SAP ABAP DEVELOPER

**Professional Summary:**

* Having 8+ Years of Experience as SAP ABAP Technical Consultant.
* Expertise in IDOC End-To-End process.
* Led and executed end-to-end implementation projects, including requirement gathering, system design, development, testing, deployment, and post-go-live support.
* I have had good experiences with ODATA service for both GET and POST operations.
* Good experiences in class, methods, and interfaces in object-oriented programming.
* Good experiences in RAP (Restful ABAP Programming) for developing efficient and scalable applications in SAP S/4HANA. Experienced in implementing end-to-end solutions using RAP framework, including CDS views, behavior definitions, and service bindings.
* The individual has gained valuable exposure to ERP, SAP system architecture, and system landscape.
* The individual possesses expertise in the creation of Data Dictionary Objects and Function Modules.
* Good Experiences in classical Interactive reports and ALV interactive reports.
* Experience in developing module pool programming.
* Extensively worked on data migration using BAPI and BDC.
* Good exposure to Enhancements Enhancement- Framework.
* I have a strong comprehension of the business processes involved in MM (Materials Management) and SD (Sales and Distribution).
* Having good Debugging skills and Performance Tuning of reports.
* Worked on documentation of technical specifications of business application in SAP by analyzing business requirements, functional requirements.

# SAP Skills:

**Data Dictionary :** Tables, Structure, Data elements, Domains, Search helps, Views, Lock Objects, Table types and Type Groups.

**Reports :** Classical, Interactive, ALV, Interactive ALV. **Conversions :** BDC (Session and Call transaction), and BAPI. **Forms :** Smart forms

**Enhancements :** Customer Exit, User Exit, BADIs and Enhancement Framework.

**Screen Painter :** Normal Screens, Tab strips and Table Controls.

**OOABAP :** Local and Global classes (OO ALV- Reports), OOALV-

Custom Container, Doc container and Splitter Container**.**

**Interfaces :** BAPI, IDOC, ODATA Services

**HANA :** CDS View, AMDP, RAP

**Experience Summary**

# Client : Strides Pharma Global Pvt. Ltd.

**Duration : DEC 2024 – Present**

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* Migrated Smart Forms to Adobe Forms to enhance functionality and user experience.
* Converted programs to be S/4HANA specific, ensuring compatibility and optimized performance.
* Developed ODATA Services - For Export Material Master Detail & displayed the data Through GET Operation.
* Developed ODATA Services - To display Purchase order Invoice Details By using Association & Navigation.
* Converted the Smart forms data to String format & Displayed in GATEWAY.
* Developed a Report program to display the Vendor related details & it is consumed in the Fiori application.
* Developed ODATA Services – To create Purchase order against specific Vendor using POST Operation.
* I analyzed the issues with the help of the debugger and resolved them.
* Developed ODATA Services – For Export Purchase Order Details using Function Input & displayed the data Through GET Operation.
* Created Report Program for Inbound delivery Creation against Purchase order & Mail Notification will be sent against that Delivery.
* Created CDS View to display the finance data.
* Created CDS View with input parameter to display the sales details.
* Created custom analytical CDS views to track sales order status, revenue, and delivery timelines.
* Used associations and joints to combine VBAK (Sales Document Header), VBAP (Sales Document Item), and VBRK (Billing Document).
* Developed an AMDP class to implement complex aggregation logic for sales reporting using CDS views and HANA SQL Script.
* Replaced nested loops and internal table logic in legacy reports with AMDP logic for better performance on S/4HANA.
* Developed a RAP-based Fiori Elements application for internal sales order tracking.
* Developed RAP to display the customer summary reports.
* Modified programs based on the results from ATC include changes to optimize the performance for HANA DB migration.

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# Client : Alloga - UK

**Duration : July 2022 – Nov 2024**

* Delivery outbound - From Sap we created delivery, while creating a delivery IDOC will generate automatically and maintained customer material against that material.
* Delivery inbound - Against that delivery we have done Batch updating & Post goods issue (PGI) & Invoice creation.
* Provided technical support and troubleshooting assistance for AMDP-related issues during development and production phases.
* Created Table in BRF+ Application & consumed in report program.
* I have maintained application log to see the error & success message while processing an IDOC.
* Be familiar with how to define joins and associations in CDS Views to link multiple tables together and retrieve data based on specific criteria
* Sales order creation - From wholesaler we will receive the data to create an order in sap & Maintained Customer & Customer material against wholesaler customer.
* Developed outbound IDOC for ASN – PO - While creating a purchase order IDOC will generate automatically & we are sending data to another server.
* Goods receipt (GRN) - Against that purchase order from wholesaler we receiving data once received IDOC will post the goods receipt & Maintained order number in header text.
* Stock adjustment - Through this IDOC we have done the addition & subtraction for the batch quantity. Based on movement type I have done add & sub for un-restricted, quality & blocked quantity.
* We revised reference numbers based on the inspection lot numbers that I took inspection lot number from QALS Table. Through BAPI (BAPI\_INSPLOT\_SETUSAGEDECISION) I have changed the batch status to un-restricted & blocked.
* Created report program to show how to stock qty we received from warehouse and exiting quantity in sap. Taken the data from EDIDC Table and restricted with message type & basic type.
* Developed implicit enhancement while creating a sales order I pick terms of payment from KNB1 Table and passed into header field.
* Developed dynamic custom adobe form for the transaction to generate the miscellaneous report.
* Developed Module pool program – based on screen input validated with master table and triggered the outbound IDOC through MASTER\_IDOCDISTRIBUTE.

# Client : SK Pharma - German

**Duration : October 2020 – June 2022**

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# Project Contribution:

* Developed an Object-oriented program to upload the material data and I have done all validation of input fields, Through BAPI I created article creation and changes fields and maintained Factory ALV reports also Maintained Error ALV.
* Using Standard BAPI gets the characteristics value based on Material and plant.
* Using Standard BAPI filled the Asset value for Particular Material.
* Extensively worked on Dialog Programming, ALV Report and Smart Forms.
* Developed an ALV report to Display stock details of material based on batches and display stock level indicator. And Developed a Smart form to the Material Master details to Converting SF output to PDF format and sending as an Email attachment.
* I created an Update Function Module for multiple custom tables to upload the data.
* Handled Quality issues and Runtime issues.
* Developed a report program with Select Options for purchasing document number using parallel cursor method to display the Purchasing header and item details and do sum for net value and update in user created table.

# Client : SASMOS

**Duration : October 2018 – September 2020**

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# Project Contribution:

* Done Data Migration from ECC to HANA, there I used instead of Perform I used methods, And factory ALV, custom container, inheritances.
* Prepared Technical & Review Document for the object.
* Resolved ATC Check & SLIN Check.
* Created Custom BAPI in (SW01) and developed a report using Custom BAPI.
* Using BAPI Return table resolved the Error and maintained the error in ALV.
* I created a destination in SM59 transaction, and I consumed for my program to connect the server using RFC Function module.
* Assist initial testing of problem fixes, change requests, enhancements, and new functionality.
* Developed search help exists to provide client specific search helps where standard functionality does not meet the requirements.
* Developed a class with event to raise an event if material number is Initial when displaying material details.
* Developed Shipping Invoice Screen for (Header & item combination) and display the data

through Custom container.

* Using Hotspot click Events Triggered to Transaction (FB03) and display the details Based on Document number.

# Client : Yokogawa

**Duration : April 2017 – September 2018**

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# Project Contribution:

* Developed an ALV Report to display the Purchase order client specific fields using objects and methods.
* Created purchase order using BAPI\_PO\_CREATE and displayed the Purchase order in ALV report.
* Resolve Performance issues of code using performance tools.
* Analysis and Code Inspector and performance tips.
* Done Smart forms changes, Based on Fiscal year logo & address will change.
* Developed a report program to display an ALV report for multiple tables, I used the JOIN statement to fetch data from multiple tables and then populate an internal table, then used ALV function modules like REUSE\_ALV\_GRID\_DISPLAY to display the data in the ALV grid format. This will allow the user to view and analyze data from multiple tables in a single report.
* Uploaded the data to AL11 Application through Transaction (CG3Z) & downloaded the data Through Transaction (CG3Y).
* In AL11 sap directory application server using an open dataset & close dataset I used to fetch the records.