Shanmuga Priya V
SAP ABAP DEVELOPER

Professional Summary:

- Having 3.2 Years of Experience as SAP ABAP Technical Consultant.
- SAP R/3 - ABAP/4 with technical expertise includes ABAP **RICEF** and Data dictionary objects (**DDIC**).
- Good exposure to ERP, SAP System architecture and system landscape.
- Expertise in creation of Data Dictionary Objects and Function Modules.
- Experience in developing classical Interactive reports and ALV interactive reports.
- Experience in developing module pool programming (Screen painter, Menu painter, Table control, Tab strips and Events in MPP).
- Extensively worked on data migration using BAPI and BDC (Call Transaction and Batch Input Session Method).
- Good exposure to Enhancements (User Exits, Customer Exits, BADIs, Enhancement-Framework).
- Expertise in Forms like sap script and smart forms and NACE configurations.
- Good practical exposure to debugging, break points, watch points and performance tuning.
- Exposure to object-oriented programming concepts like objects, class and methods.
- Good understanding in business process of MM and SD.
- Well augmented by excellent analytical, problem solving, communication and interpersonal skills with ability to interact with individuals at all levels.
- Highly efficient in understanding client's requirements and converting them into system Developments.
- Good understanding of both business processes and technical development.
- Worked on documentation of Technical specifications of business application in SAP by analyzing business requirements, functional requirements.
- Good Experience in ABAP/4 Objects, Dialog programming, BDC, BAPI, Enhancements, ALV Reports, Sap Scripts, Smart Forms.
- Good Experience in using various modularization techniques like subroutines, Function modules, RFC's and class modules.
- Expertise in performance analysis and tuning using various debugging tools like run time analysis and SQL Trace.

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 and Adobe Forms.
Enhancements	: Customer Exit, User Exit, BADIs and Enhancement.
Screen Painter	: Normal Screens, Tab strips and Table Controls .
Interfaces	: BAPI, File interfaces and Good Knowledge on ALE.

- Worked extensively in RICEF - Reports, Interfaces, Conversions, Enhancements and Forms.
- Layout development using SMARTFORMS.
- Module Pool Programming: Designed the custom screens as per the client requirements.
- Worked extensively in developing Classical, Interactive and ALV Reports using function modules .
- Worked extensively in developing Data migration programs using BDC (Call transaction, Session) and using the standard BAPIs.
- Worked extensively with Enhancements - User Exits, BADI - Business Add-Ins and Enhancement Frame Work.
- Worked extensively in Data Dictionary Objects (Tables, Structures, Data Elements, Domains, Search Helps, Table Types and Type Groups).
- Performance Tuning has been done using SQL Trace, Run Time Analysis and changing the ABAP reports for better performance modifying internal tables and select statements.
- Developed technical specifications from the functional specifications as per the business needs.
- Having good Debugging skills and Performance Tuning of reports.

Experience Summary

Client   : **Rockwell Automation**
Duration   : **Jan 2022 – Present**

Project Contribution:
- Module pool program to display the Sales order list and details for customer details and material details using Package, Transport request, AT EXIT-COMMAND, CHAIN and ENDCHAIN, Menu painter, Message class, Debugging, Designed and developed a screen program using Tab strip and table control, List box, Value (F4) and Help (F1) request, Sales Document status management.
- Developed ALV Report with Select Options Using ALV Events to Display the Output by Using Inner join, Field Catalog, Function Module, Layout to display the output in Grid for Sales order details and downloaded ALV Report as excel file with header using GUI download function module.
- Developed a report program for Master Data Upload Program for Create Material MM01 (Using Transaction recording (SHDB) – BDC Call Transaction method, Session Method, Session Keep, Processing of session, Background jobs, Message handling in BDC Call transaction method, uploading success and error records in AL11 sap directory application server using open dataset & close dataset and downloaded excel files using GUI_DOWNLOAD FM for material created and reverted records.
- Done enhancement for ME22N transaction for item part by adding new field by using screen exit – SMOD and CMOD.

Client	: Home Depot, USA
Duration	: Feb 2021 – Dec 2021

Project Contribution:

- Developed a report program from parameters and select options - company code, plant, location and work order number and dynamic radio button selection for display work orders which created, released and completed and Designed ALV grid display to display work orders, notifications, reservations, materials, unit and quantity along with top of page based on work order status.
- Generated table maintenance for a table and maintained the table entries.
- Developed an Interactive ALV Report that displays the Purchase Requisition and Vendor details based on Purchase Document Number.
- Developed a master data upload program for bank Details, create Bank – BDC Call Transaction method and Session Method.
- Implemented an implicit enhancement to make the region as mandatory if the country is DE during customer creation and change.

Client	: Kraton Polymers
Duration	: Aug 2020 – Jan 2021

Project Contribution:
- Developed a Smart form to print the Customer Master details to give a customer using Logo, Final window, Copies window, Standard Texts, Dynamic text, Text modules, Table, Page break, program lines, COMMAND lines, Alternative, Smart styles, Copies and Converting SF output to PDF format and sending as an Email attachment.
- Developed an ALV report to Display stock details of material based on batches and display stock level indicator.
- Developed a report program to Display the SO and PO Data from VBAK and EKKO tables by modularization Techniques.
- 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.
- Implemented a customer exit in menu painter - utilities path to object navigator by menu exit.
- Developed Lock objects for client specified field to avoid conflicts while accessing the same data by the end users.
- Developed an ALV Report to display the Purchase order client specific fields using objects and methods.