**O Suganya**

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 **Professional Summary:**

* 8 years of SAP ABAP development and testing for QM, HR , PLM, SD, MM Module in a leading automobile manufacturer in India
* Programming expertise in **Classical , Interactive, ALV reports, Smart forms, BDC, Module pool programming, BADI, User Exit enhancements.**
* Hands on experience in **UI5 ,FIORI Elements, ODATA, CDS View Concepts**
* Proficient in performance tuning and optimization using trace tools
* Experienced in working cross functional teams with delivery focus and organizational objective alignment.

**ABAP Technical expertise:**

* **ALV Reports** – Worked on conventional and interactive ALV reports
* **Function modules** – Worked with standard and Z-Function modules in programs to provide modularity.
* **Dialog programming** – Developed programs on the Dynpro concept using screen painter, menu painter interfaces and transaction code.
* **Smart forms** – Created layout sets and print program using Smart forms.
* **Adobe Forms** – Created layout sets and print program using Adobe forms.
* **Data transfer** – Batch Data communication (BDC); Developed Batch Data Input programs for uploading data into SAP system from legacy system.
* **Enhancements** – Worked on User Exits, BADI.
* **WebDynPro -** Developed UI for Web Applications.
* **WorkFlow -** Developed Workflows with sequence of steps, tasks or event , notification to the users to automate a business process**.**
* **FIORI - Have basic knowledge in**

**Educational Qualification:**

* MCA with an aggregate of 72% from Mepco Schlenk Engineering College(2003)
* H S E with an aggregate of75% (1998)
* S S E with an aggregate of 79%(1995)

**Employment History: TVS MOTOR COMPANY Ltd., HOSUR** - India ( 2007 – 2013),(2022 – 2023)

**Duration : 2022 - 2023**

**Role : ABAP Technical Consultant**

 **PROJECT # 1: Supplier CPK**

* BO Parts Process Capability calculation & Tracking
* PDCA through Supplier parts and SPC audit source data integration
* Developed RFC to support Angular Front for Material Master, Get and Push data and Report Dashboards.
* Developed Reports for creation of lots, Cp and Cpk values updation and Reports display for the same.
* Cp and Cpk values Calculation is based on the Inspection values entered by the end user. Both Normal Type and Standard Deviation Formulas are used to calculate the same.

 **PROJECT # 2: Trade with TVS – RFC Support for Angular Front**

* Developed RFC’s to Support Angular Front .
* Applications like Final Inspection Report(FIR),Quality Performance Rating(QPR),Quality Deviation Highlights(QDH) and Shop Floor Rejections Applications were converted into RFC to enable User Friendliness, Robustness and in a more Business Perspective.
* Mainly in QDH Application, Function module was identified and used for editing the Business flow screens n number of times which was not possible in the earlier system.

 **PROJECT # 3: MIW - RFC & Report Support for Angular**

* + RFC Developed for the Migration of Application from Dot Net to Angular Front.
* New Business Flow and Logic were introduced in the RFC especially finding the Control Indicator Characteristics for a Operation Character.
* RFC Optimization was also done which was taking more than 3 min was reduced to 5 sec.
* Parallel Reports were also modified to incorporate the same.

 **PROJECT # 4: File Transfer Interlock for SGRN Parts**

* + During Approving the File Transfer , Interlocks were deployed before approving the part.
* Proper Function Modules were handled to check QP02, QDL1/QDL2 and MM02 before Approval.
* Before Proceeding with each Transaction Code, Lock Checks are done using appropriate ‘Enqueue’ Function Modules.

**Duration : 2012 - 2013**

**Role : Senior Systems Executive - Quality Lab**

 **PROJECT # 1: Converting R/3 Reports to WD Reports**

* + Enhanced the user friendliness by converting critical R/3 reports in MM module to WebDynPro reports
* Reduced redundancy by code modularization and data sharing across reports
* Multiple viewing options created for end user in a single screen output
* Introduced calling ADOBE FORMS to improve output functionalities.

**PROJECT # 2 : Program Optimization and Testing**

* Optimized reports which were taking more run time by fine tuning them by
	+ Applying coding standards provided by SAP
	+ Using ST05 Trace tool
	+ Analysing dump in ST22
* Checked for the prerequisite such as functional, technical specification, testing document before theprojectgo live
* Prepared final test document standards as per checklist and approved them for transport

**Duration : 2009 - 2012**

**Role : SAP Senior Systems Executive**

**PROJECT # 1: SIT/CFT project monitor and tracking- cProjects**

* Modified standard screen including fields necessary for SIT/CFT Project Details.
* Created 'Z' Tables for storing required data .
* Developed ABAP reports for sending mail who have not completed the SIT/CFT Projects in the time line.
* ALV output with different filters were displayed.

**PROJECT # 2: HR Projects - Appraisal System**

* Developed RFC's for creating, modifying and submitting appraisal document
* Developed and modified SMARTFORMS for appraisal requirements
* Developed RFC for attaching files for reference
* Created workflows for triggering mails based on user events

**PROJECT # 3:HR Projects - Digitization of Personal data**

* Developed RFC for attaching related files of the employee
* Applied relevant function modules to optimise the code for the employee's digital file to be placed in the content repository while storing in the SAP System
* User option given to display selected file on the screen from SAP

**Duration : 2007 - 2009**

**Role : SAP Systems Executive**

**PROJECT # 1: QM Projects - Control Limit for Warranty Parts**

* Developed background reports for setting control limit for warranty parts
* Developed foreground report for displaying the details of the parts that has gone beyond the limit
* Using Module Pool Reporting, SmartForms major report in QM for warranty rejection, shop floor rejection, vehicle battery lifecycle details, material Inspection were developed