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| **Muhammad Ramzan Sultan** |  | **(Prime) | +92 309 4097879**  **Secondary: +92 300 4001356**  [**Muhammad.Rumzaan@Gmail.com**](mailto:Muhammad.Rumzaan@Gmail.com)  **Skype: Muhd.Rumzaan** [**http://pk.linkedin.com/in/rumzaan**](http://pk.linkedin.com/in/rumzaan) |

**[SAP](http://pk.linkedin.com/in/rumzaan)** **S/4HANA Development & Integration Consultant**

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| **Role Purpose**  Provide in depth technical development & support for all Enterprise Applications by executing and supervising operational activities to ensure delivery of objects & services.  **Professional Summary**   * Having **10+** years of experience in leading ABAP Objects Management & Development * Worked in Engineering & Construction **PAK**, Govt. Free Zone **UAE**, Oil & Gas (**Saudi Aramco**) KSA * Developed objects for modules like **MM, SD, PS, FI, HCM(PA, OM, TA, TM), and BW** * Develop and maintain applications using **ABAP Workbench tools (RICEFW), ODATA** as required to implement and support SAP ECC/BI/Cloud environment solutions * Developed artifacts in **ABAP** **Core/OO**, **HANA, CDS, Workflows, Web Dynpros** and **Interfaces.** * Hands on Experience on **Web Dynpro** with ABAP for MM, SD and HR ESS/MSS Module * Extensive work in ABAP HR for Payroll Enhancements, Travel & Expense Management Workflows * Worked **ABAP & Workflow Development** in Authorization Approval Engine **AAE** **of Aramco, KSA** * DevelopedObjects, Interfaces, and workflowsin modules like **FI/CO, PS, MM, SD, PM, PP, HCM** * Intensive experience in **Enhancement Frameworks** using **BAdI, Customer Exits, and User Exits** * Developed **SAP Interfaces** with Primavera P6 and Salesforce using BAPI/RFCs/Web Services * Designed and Developed **SAP Workflows** to MM, PS and HCM (Leave, Travel), FI Modules * Strong technical experience on Web technologies and development, HTML5, CSS, SAPUI5, OData, and JavaScript/JQuery, JSON, XML. * Design, Develop, Test, Debug and Implement SAP applications working closely with functional * Collaboration across the team to ensure Operational Improvement alignment * Adherence to Standard and Quality of Program Codes compliance with Scalable Architecture * Streamline and standardize the business processes as per SAP and the industry best practices. * Actively Participated and worked with BBP documentation for AS-Is and To-Be sections, * **Open** **SAP** **certification** in S/4 HANA Path, Cloud Platform Integration (API Business Hub, SAP Connector), Extending S/4 HANA Applications on HCM, Development on HANA, | **How My Skills Match**  **Skills**   * ABAP /4HANA * Core and OO ABAP * OData/Web Services * Workflows Development * **AAE** of Saudi Aramco * Interfaces ( BAPI/RFCs) * RFCs / BAPI / WebService * Enhancement Framework * BAdI / User Exits /BDC * WEBDYNPRO/BSP * Smart/Script/AdobeForms * BW Data Extractors * SAP WebIDE Apps * Fiori/UI5 Applications * App Optimization * Rapid Development * Product Development   **Level of education**   * Master’s in CS * SAP Certification: ABAP * SAP Certification: Portal   **How Projects Count**   * End to End: 7 * S/4 HANA: 4 * Aramco Project: 1 * UAE Project: 2 * Rollout: 3 |

**Organizations Affiliation**

**ABACUS Consulting, Pakistan** 2015 – To Date *SAP ABAP Managing Consultant*

***EJADA/ ARAMCO, (OIL & GAS), Saudi Arabia*** 2014 – 2015 *SAP ABAP & Workflow Consultant*

***DESCON Engineering, Pakistan*** 2009 –2014 *SAP ABAP Development Lead*

***DESCON Information Systems., Pakistan*** 2006 – 2009 *Senior Software Engineer*

**Project's Organizations:**

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**Professional Roles**

**SAP ABAP Managing Consultant / ABACUS**

**Aug 2015 – To DATE**

**Project: KARWANCHI Group / Iraq**

**Industry: Food Industry**

Managed all WFRICE objects development with Modules of MM, SD, PP, HCM, and FI/CO and Fiori for S/4HANA

Provided Customized Leave Application Workflow Process adhering to apply it in the standard screens

Provided Automated Email External as well as SAP Inbox for different events e.g. Probation Completion of Employee

Developed Payroll Enhancement Functions in order to provide & apply Custom rules on employee's salary calculations

Provided A Class Salary Slip using Adobe Forms that includes Emp Info, Salary Detail, Loan Repay Info, and Leave Balances

Provided Automated Quota generation program based on client's complex policy of Quota based on Induction & Service Period.

Provided Integration Insights and work to KWG for its Secondary Sales Integration to SAP HR Payments

Provided Sales Commission Application fully integrated with Payroll of Sales Persons.

Keeping in view its transactions visibility and maintainability of the application, it provides complete log of each transaction

Developed Time Machine integration with ZKTecho Machines to Time Administration in HCM Module

Time Application runs for Two Company Codes of KWG, and posts Time Transactions at real time to SAP.

It obeys their complex Policies of Time Deduction and Overtime Remuneration which is configurable and control features.

Having Log of transactions provide better visibility and maintainability to the application

Developed and configured Workflows for Procurement Documents - Requisition & Orders as per clients Policy,

Developed extensive report of Production Planning reports e.g. Daily Production, Batch wise Production report

Provided A Class quality of KWG Transaction Essential Documents within Adobe Forms of Sales and Purchase Documents

References: Mr. M Masood ( PM & SAP Fin ) - 0092 333 444 2861 / Mr. Irfan Hamid ( SAP HR ) -- 0092 321 2077 717

**Project: BUNDUQ Oil Producing Company / UAE - AUH**

**Industry: Food Industry**

Managed & Delivered iSupplier Portal Web Applicaiton fully integrated with SAP **S4/Hana** with Core OData Services

Provided APIs to be consumed with the Angular/Node.js / .Net Application

Core features of Supplier Portal is to provide their vendors with the facility of uploading their invoice through Portal

Displaying Supplier's Released/Yet to Released Purchase Orders, and the Goods Received and Invoices generated.

Upload Invoices are paid once approved through Approval process in SAP. Approval Workflow was also designed and developed.

A GUI application named Portal Application providing Viewing of uploaded Invoice, and then update FI Entries when approved.

**Project: ICI / Nutrico Morinaga - Japan/Pakistan JV**

**Industry: Food Industry**

Managed all WFRICE objects development with Modules of MM, SD, PP, HCM, and FI/CO and Fiori for S/4HANA

Developed and configured Workflows for the Purchase Order, Purchase Requisition in MM Module,

Developed extensive report of Production Planning reports e.g Daily Production, Batchwise Production report

Enhanced PP Order Screen for the custom Batch acceptance only and suggesting user the Batch he can provide.

**Project: RIPHAH International**

**Industry: Education**

Provided Non-SAP Web Application integration for Event & Training Management Module of HCM for S/4HANA

Developed Data Services for Event Selection, Event Creation, and Trainee Attendance marking for the selected Training

Developed Extensive Cash Activity Report that spans over the all activity related to Bank Incomings and Outgoings

**Project: VOLKA International Foods**

**Industry: Food Industry**

Managing WFRICE objects development with Modules of MM, SD, PP, HCM, and FI/CO and Fiori for S/4HANA

Developed and configured Workflows for the Purchase Order, Purchase Requisition in MM Module, and Leave Approval in HR

Enabled Fiori Apps for the Modules of MM, SD, PP and HCM, To meet custom requirements worked on Fiori extensions as well.

Fiori Transactional Apps extended and provided customization wherever it is needed for HCM and SD and MM

**Project: Tariq Glass Pvt. Ltd.**

**Industry: Glass Manufacturing**

Managing WFRICE objects development with Modules of MM, SD, PP, HCM, and FI/CO for S/4HANA 1809

Developing Attendance Device Integration with Wrong Shift Attendance Notification Applications,

Worked on and developed Fiori Apps to meet custom requirements where Fiori extensions available

Custom Workflows developed with Custom Screens for Purchase Order Approval, Leave Approval, and Budget Approval

**Project: RAKEZ – Ras Al-Khaima Economic Free Zone - UAE**

**Industry: Government - Public Sector Organization**

GCC VAT Implementation in the Finance, Materials Management and Service to Cash modules related documents, interfaces and screen fields addition. Also has other Enhancements requirement for Real Estate and Visa related government services.

SAP to Salesforce Integration development and worked on many interfaces developed in RAKEZ for Salesforce portal and SAP. Interfaces developed for auto update of marking a check in salesforce of Cheque Clearance; De Registration of Customers and Credit Note Customer Refund in the Customer Wallet in the Salesforce.

**Workflow:** Triggering workflow on posting of document in FI, in order to perform different requirements that includes, PDF form attachment to Invoice Posting, Clearing of the Document, Posting Additional Entries in consequence of the Posted Document.

**Project: Lahore Development Authority - Pakistan**

**Industry: Real Estate Concern**

**HCM/ABAP: Payroll Characteristics functions** from PE04 created and developed for Payroll Final Settlement and Pension Settlement. Numerous ALV Reports, Smart Forms and Adobe forms developed in the area of Payroll, e.g. Pay Slip, Payroll Register, Payroll Register Summary, Bank Trolly Form, Pension Slip, Pension Register, Pension Register Summary

Custom UI5 Application for Leave Workflow using Fiori guidelines and using ODATA Services for Manipulating Data

**HR Workflows:** Workflows for **Leave Approval**, **Travel Request** (WS 20000050) and **Expense Approval** (WS 20000040), Attendee Booking Approval (PE\_APPROVE01 - WS01200151 ) activated, Customized Workflow for Leave Approval designed and developed as per the requirement. Leave workflow triggered from Customized Info Type 9001 for creation of Leave.

**HR Web Dynpro:** Developed Couple of **Web Dynpro Applications** for Submission of Leave Applications, Leave Quota Display Report, Overall Department Employees on Leave Report, Team to Manager Report for Higher Level Authorities

**FI/CO:** Enhancement of Fields for Land/Plot File number at the time of invoice booking, Web Services development to be used by the Partner Banks for the real time payment posting in SAP.

**FICO Workflows**: Workflows for Customer and Vendor invoice approval developed. Standard Workflow for Budget Activated

**Project: DESCON Engineering Ltd.**

**Industry: Engineering & Construction**

Managing and Leading WFRICE objects for SAP Modules of FICO , MM, SD, PS, PM, ETM, QM and HCM

**BW Development and Enhancement** achieved for Master and Transactional Data Sources, and custom Variables Development

Extensive experience in the development of Data Extracts for a large number of data sources related to SD/MM/PS Module; and written using Function Module as well.

**HCM/ABAP:** Worked on ABAP HR especially for **Payroll Characteristics functions** for Gratuity calculations, Leaves Accruals and Custom App for **Air Tickets Accruals** for Overseas Countries;In Time Management, **Workflows** development includes workflow for HR (CATS) module, Reports and Enhancements in HCM and CAT, Custom Info Types, Custom HR Enhancements for Payroll.HCM Forms and Process, Compensatory Leave Quota Workflow.

***FI/CO:*** FI Documents Posting using BAPI for the Provident Fund contribution, PF Loan, PF Profit Distribution and PF Final System reads Provident Fund in HCM Payroll and Post it into FI; adobe forms for check prints.

**Workflows** development includes workflow for HR (CATS) module, Reports and Enhancements in HCM and CAT, Created Custom Info Types, Custom HR Enhancements for Payroll**,**

UI5 Application Development for Mobility Services using OData Services and Web Services for PO Workflows

**WebDynpro** Application development includes application for triggering workflow for HR (CATS) module, ALV Reports in HR-CATS, and report for Non-Management Employees Strength to Manager at a given Time; Enhancement to current WebDynpros

**PI Interfacing** for PS Module and Primavera P6 for transferring the complete project to PS from P6; PI Interfacing with client’s legacy system PCS for construction business and created the project in PS.

**PS Enhancement** Development using BDC for Cost Estimates, BPO Upload, CJ40 Upload, Progress Analysis reports enhancement i.e. CNE1 / CNE5 in PS Module, Detail reports for PS work scheduled with different BPOs. Dynamic number of columns for displaying quantities of project plan was its salient feature.

**PS/FICO Reports** Project Study report gets Actual Cost of Resources from FICO Tables COSP, COSS and shows it as per WBS and Network of project

**ALV reports on** Equipment Efficiency, Daily Maintenance, and Equipment Logbook application using Table Control in PM module. Equipment Deployment Report in ALV Grid that has its salient feature of displaying dynamic period in years as per equipment

**SAP ABAP & Workflow Development Consultant / EJADA**

**Feb 2014 – May 2015**

**Organization: Saudi Aramco – KSA**

**Project: Workflows and ABAP Enhancements Development**

Development and implementation of **business workflows and Enhancement in SAP MM Module** using custom developed **AAE - Authority Authorization Engine** Business workflows as per provided DPSRs implemented for Procurement division of Aramco.

**Enhancements:** Purchase Order ME23N Enhancement, Custom developed Bidders List Screen Enhancement

***Workflows:***Workflows Work Items involved development Smart Forms, and dialog screens to display in work item, Text Editor Popups for Evaluation Comments. All following workflows used AAE – Authority Authorization Engine for Business Workflows:

- Approval for Mass Purchase Orders PO and Purchase Requisition PR Deletion.

- Approval of premium cost on Purchase Order PO that, in return, involves the re-approval of PR.

- Approval Workflow for Additional Funds required for Air Shipment Costs on Purchase Orders PO

- Bidders List Approval Workflow– Bidders List was a custom developed application that lists all the bidders against RFQs

***-*** Approval of Purchase Orders and Requisition PO/PR in Out of Kingdom divisions of Saudi Aramco

- Approval of Technical Evaluation of Bidders List – Bidders List is approved by the concerned Authority after Tech. Evaluation

**SAP ABAP Development Lead / DESCON**

**Jan 2012 – Feb 2014**

**Project: Implementation in DESCON Construction Services (DCS) Engineering & Construction Concern**

Developing **WFRICE** objects as per project plan and providing support to previous developed objects.

FI/CO: Developing reports for FI module include: Balance Sheet, Profit & Loss reports, Business in Hand and Business Generation ALV grid using ALV Split containers for the comparison. Developed, posted invoices using BAPI and Data upload.

Smart Forms into PDF as an email attachment on approval workflow, Developing notifications regarding PR/PO Release to buyers, Goods Received Notification, Inspection Lot creation notification Integrating of DESCON’s Non-SAP Application GDES+ to SAP for providing project execution related values at site to PS .

**Workflows** implementation in custom application, for notifying VISA Request, Application Lodged, VISA Receipt / Rejected

**Workflow** for HCM includes Compensatory Leave Approval and Late Arrival approval; Travel Approval workflow.

UI5 Application Development for Mobility Services using OData Services and Web Services for PO Workflows

***Sap Interfacing With P6***

**PS - Primavera P6 Interfacing** using **BAPIs** for Planned and Actual quantities, it transfers into PS the projects which are defined in P6; It provides a Windows GUI to send the projects after reading them from P6 and creating them into SAP PS Module.

**Project: Rollout& Support**

**Manufacturing Concern, Hamriya**

A Rollout Project experience gained with different kind of ABAP development and enhancement activities.

**WFRICE** objects of various modules as per their functional specifications and generated their technical specifications as well.

**Workflow** developed for MM includes PR Release Notification to buyers with PR number; for QM includes Inspection Lot Creation and Completion Notification; for PS includes Approval for Creation and Release of Project Budget and Budget Update Request generation, approval and release if during project execution required.

Enhanced Sections of Commercial Invoice in SD Module to fully comply with HMW Concern

Performed **Web Dynpro Components** development regarding Leave Quota and Applied Leaves Overview

Developed **ALV report** in HCM module for example Bank Advice report.

Experience of Dialog Programming achieved for a requirement from PS module of displaying WBS activities in a table control.

**SAP ABAP Development Team Member / DESCON**

**Jan 2012 – Feb 2014**

**Project: Rollout at Descon**

**Manufacturing Concern**

Developed various **WFRICE** objects of various modules as per their functional specifications

**MM Reports** include: Material Aging at a plant report; Material Re-Order Level report; Delayed PO Approval report; Delayed Comparative Statement Approval report.

Smart Forms for MM includes Goods Issue, GR, Reservation GR, Purchase Order, RFQ, Release Order and Work Order Form.

Smart Forms developed for SD include Commercial Invoice, Inquiry Synopsis form.

SD Reports include Business in Hand of DESCON report; Proposal Status report;

**Adobe forms** developed for QM include Dimensional Inspection, Hardness Test, LP Exam, MP Exam, Material Inspection etc.

**Table Maintenance** Generator with discrete Data Elements created for each QM Forms developed in PDF.

**Workflow** development for PS includes Approval for Creation and Release of Project Budget before execution of any activity; Budget Update Request generation, Approval and Release if during project execution required.

**Workflow** for HCM includes Compensatory Leave Approval and Late Arrival approval; Travel Approval workflow.

Report for PS include Earned Man-Hours, Efficiency and Balanced Man-Hours columns addition to Monthly Performance Report CNE5 report that are not available in a single report;

Developed ABAP **Web Dynpro** for Lively & Update-to-Date Monthly Timesheet Data on DESCON’s SAP Portal

***Sap Interfacing With Legacy System( A .Net Web Application)***

Provided web application **SMART** to achieve **Integration** with SAP for Material Master Creation, Change and Transfer into SAP **SIFR – SAP Integration with Finger Print Devices** application for Finger Print Reader devices

**Project: Presson-DESCON - End-End Implementation**

**Industry: Power Concern**

Involved in project life cycle implementation and developed various ABAP WFRICE objects in MM, SD, FI, CO and HCM

Understanding functional specs of reports, preparing technical specs according to functional spec and flow chart developments

Developed **Workflows** for Inquiry Synopsis Approval, Proposal Approval, PR Released notification and Leave Approval

ESS MSS Configuration, Portal - User Administration & UWL Configuration.

Developed a Customized Self Service Portal workflow for Leave request with different leave subtypes with multi-level approvals Process by enhancing standard SAP WS template WS12300111 (ESS/ MSS).

**ALV Reports** for MM include Comparative Statement of RFQs, Shipment status of PO report;. FI Reports include Customer Invoicing Status, SD Reports include Proposal Approval Report; HCM Reports include Bank Advice report; Bank Advice, Payroll Register, Payment Request, Detail of checks drawn on a vendor reports in HR module

Developed **Smart Forms** and generated from their driver program. **Smart Forms** includes GI, GR, PO, RFQ, RO and Work Order

Implemented Enhancements as per requirements raised by Functional Consultants.

MM/PS **Enhancements** include: addition of fields to PO for custom data field requirement, fields for indicator to allow Partial Shipment of PO, field for indicating Inspection Point and for indicating Insurance cover note, Disabled Print of PO via ME22N & ME23N and only be allowed via ME9F. Enhancement on main notification screen (IQS1/IQS2).

Developed **Workflows** for Inquiry Synopsis Approval, Proposal Approval, PR Released notification and Leave Approval

**Sr. Software Engineer / DIS**

**Jan 2006 – Dec 2008**

***Technologies******Used: ASP.NET , C#,VB.NET, SQL Server, Web Services, SSRS, JAVA, J2EE, JMF, JMS***

**CMPS – Centralized Manpower System** ASP.NET/VB.NET Web Log Book for Mobilization, Movement to and from project.

**FAMS – Fixed Asset Management System** An ASP.NET/C# Web Application for Fixed Asset’s Transfer, Receiving and Write Off

**NGT – Next Generation Turnaround -** A .NET/VB Desktop Application for registering Legal cases storing in DB all its documents

**TCV – Talking CV & Remote Recording** Multimedia Application Developed for conducting and recording interviews on webcam.

Java was the technology used for this project. It used J2EE, JMF, JMS, and JNI

**Technology Capsule**

**ABAP:** Core/HR & **ABAP OO**, Core/HANA & ABAP OO, Fiori/ UI5 Applications, Core Data Services, ALVreports, Smart Forms, Adobe Forms, BAPIs , RFCs, Enhancement Frameworks**:** BAdIs, User Exits, Module Pool Programming, SAP UI5**,** FioriApp, OData Services, SAP Web IDE, Eclipse Tools, BW Enhancements, Data Extracts,

**SAP** **Workflows** - Activities with ABAP BO and OO Classes, Agent Determination and Assignment from Org. chart and using custom rules, Rule Definition, Workflow Debugging, Event Linkage Analysis, Monitoring. Triggering using Batch Job.

**Web Dynpro** - Interface Controllers, Component Controller, Component Usage, Context definitions, Context Mapping, iViews, Model, Business and Assistance Classes, Using Floor Plan Manager Framework with SAP UI Guideline, Reused WD Components

Hands on in JAVA/JEE, .NET (C#, VB.NET), HTML5, XML, JavaScript, JQuery, JSON, Web Services, Crystal Reports/Business Objects, SQL Server, Oracle, Service Oriented Architecture, Eclipse(ABAP, UI5, Mobile, Java)

**Education**

**Degree:**

**M.Sc. Computer Science** University Of The Punjab, Pakistan

**Certifications:**

**SAP:** ABAP Application Development Consultant License # 0007348416 SAP AG, Germany

**SAP:** NW04s PORTAL Development Consultant License # 0007674718 SAP AG, Germany

**Open SAP Certifications:**

OGSD 7.0 –OIL & GAS Downstream Logistics Software Development on SAP HANA

Extending SAP S/4HANA Cloud and SAP S/4HANA Procurement Transformation with SAP Ariba and SAP S/4HANA

**Publications**

Articles at ***sapexperts.wispubs.com*** 

**Download Smart Forms with the Data Types Required for Easy Activation After Upload:**

It explains how to get your Smart Form download with all the information it needs so that you can activate it successfully after uploading it to a target system. It describes developing plug-in classes for SAPLink to use for the objective in system.

[**Simplify Execution of Transaction Codes by Mapping Them to Common Phrases**](http://sapexperts.wispubs.com/IT/Articles/Simplify-Execution-of-Transaction-Codes-by-Mapping-Them-to-Common-Phrases?id=5B415BA20AB447869276BAE43117DD1C)**:**

Mapping standard transaction codes to custom ones consisting of a word or phrase allows you to create simplified names for unintuitive transaction codes. For example, you could map transaction code ME22N to Edit PO.

[**Generate a Smart Forms Navigator in a Tree Structure with ABAP**](http://sapexperts.wispubs.com/IT/Articles/Generate-a-Smart-Forms-Navigator-in-a-Tree-Structure-with-ABAP?id=403451E75C744F5D9E515CEF35C2E583)**:**

Navigate through all Smart Forms of a specific package, Smart Forms Navigator allows you to see and navigate through all Smart Forms of a specific package. It is similar to the way other objects of a package are available in Object Navigator SE80

[**Use ABAP Code to Gener­ate a WhereUsed List of Smart Styles**](http://sapexperts.wispubs.com/IT/Articles/Simplify-Execution-of-Transaction-Codes-by-Mapping-Them-to-Common-Phrases?id=5B415BA20AB447869276BAE43117DD1C)**:**

You can use ABAP code to create a utility that allows you to generate a where-used list of Smart Styles. With it, you’ll be able to find where a Smart Style is used in Smart Forms at any node level, eliminating a normally laborious process.

Updated: 10/2019