**Suhail Mushtaq**

**SAP PP/PI/QM Functional Consultant**

**Professional Summary:**

* 9years of diversified Functional experience in manufacturing Industries in design, development, planning and implementation of SAP PP, QM and PP-PI/PM/SDM modules.
* Implemented 2 full life-cycle implementation projects besides extensive background in production support and upgrade of PP, PP-PI, QM and MM modules in Versions 4.6c, 4.7, ECC 5.0 and 6.0.
* Proficient in Sales Operation Planning. Capacity Evaluations and Capacity Planning.
* Experienced in various aspects of the PP/PP-PI module such as **configuring**, creating and maintaining materials, **BOM’s, routings**, **work centers, recipes, resources.**
* Experienced in **demand management**, **SOP**, the different **production strategies** and scenarios, maintaining**production orders and process orders.**
* Worked on Discrete manufacturing, Repetitive manufacturing and Variant configuration methodologies.
* Worked on **Material Requirements Planning** to determine the requirements for various semi-finished products and raw materials.
* Material Management expertise includes purchasing, inventory management, configuration andcreation – Material Master, Info record, Vendors, Stock Transport orders, special stocks likeSubcontracting Purchase Orders, Purchase requisitions, Customers, Contracts, and invoiceverification.
* Quality experience in all aspects of project work: Design, Configuration, Unit testing, Integration testing, Documentation, Data Cleansing, Conversion/Migration, End user Support and Training, preparation of functional design for technical objects and enhancements.
* Well versed with the usage of **ASAP** methodology for the structured and systematic SAP project implementation.
* High level of expertise in gathering business requirements, business process analysis, Project preparation, **As-IS** report and **to – BE** report and in FIT/ GAP Resolution, cut over of Project and Go – Live.
* Experience in implementation of ERP system (SAP PP/PI) in **Pharmaceutical** Industry with GxP and cGxP experience.
* Experience as a Solution architect in SAP ECC implementation integrated with **MES** system like **SAP-MII**.
* Implementation of **ActiveIngredient Management** and **Chemical Formulation** Process in process industries.
* **PP Module** (Production General): Master Data (Material Master, BOM, Work Center, Routing, Rate Routing, Production Versions), MRP, MPS, Planned Order, Production Order, Work Scheduling, Capacity Planning, Scenarios on Make to Order, Make to Stock, Planning Strategies (10,11, 20, 25, 40, 50, 70), Demand Management, SOP Flexible Planning.
* **PP/PP-PI Module** (Process Industries): Master Data (Material Master, BOM, Resources, Production Version, Master Recipe), PI Sheets with Phases and Characteristics, Process Order, Control Recipe, Confirmation Parameters for Process Orders, Planning Strategy (10, 40, 50, 20), DM, MPS, MRP, LTP, MTO, MTS, SOP Flexible Planning.
* **QM Module Configuration**: Material Master Data, Quality Inspection Characteristics (MIC), Quality Inspection Plan, Quality Info Record for vendor and customer, Sampling Methods, Inspection methods, Quality Certificates and notifications.
* Extensively worked on PP/ PP-PI/ MM **Unit Testing, UAT**, **regression test** and **Integration**
* Data migration expert - legacy to ECC 6.0 using Legacy System Migration Workbench (LSMW) using Direct batch input and Batch recording input methods.
* Expert use of SAP Apps tools including the Information Systems Reporting Tools [SAP Query (SQ01, SQ02, SQ03)], ABAP Workbench Utilities Quick Viewer (SQVI).
* Implementation and configuration experience with SAP R/3 4.6C, ECC 5.0, 6.0 and S/4 HANA.
* Worked on Upgrade Projects R/3 to ECC, ECC 6.0 Patches and Support packs. And tested multiple end-to-end scenarios, to ensure system reliability.
* Experienced in Unit, Integration and user Acceptance testing in SAP MM-WM modules.
* Proficiency in Spec Designing, Gap Analysis, Technical Documentation, interacting with the Super Users & End User Training, Reporting and Data Conversion and uploading of Master Data, Go-Live implementation and after go-live support.

**TECHNICAL SKILLS:**

* ERP Packages: ECC 6.0, ECC 5.0, SAP R/3 4.7, 4.6C
* ERP Modules: SAP PP-PI /QM, MM, WM, SD, FI
* Document Management: SharePoint
* Operating Systems: Windows 8/7/XP/NT/2000/98
* Office Software: MS Word, MS Excel, MS PowerPoint, MS Access

**Project Details:**

**Client:People Natural Gas Pittsburg, PA**

**SAP PP/QM Functional Consultant April 2018- Till Date**

**Description:** Peoples provides safe and reliable natural gas service to approximately 700000 homes and businesses in western Pennsylvania, West Virginia and Kentucky.

**Responsibilities:**

* Created Master records which includes Material master, BOM, classes, characteristics, work center / resource, routing / recipe, Vendor, Purchase Info Records and also customized the same as per the client’s requirement.
* Configured and created Purchasing Documents which includes Purchase Request (PR), Request for Quotation (RFQ), Purchase Order (PO), Scheduling Agreement and Contracts.
* Configuration of Routing, Rate routing and Master Recipes
* Configuration of formulas related to costing, scheduling and cap requirement.
* Production Order Creation and Process Order Creation.
* Configuration of Shop Floor Parameters (Order dependent, Scheduling, Control, availability and confirmation) and Production Order Confirmation, Goods Movement (Goods issue, Goods Receipts and reverse of Goods movement type), Stock Overview, Sales Operation planning(Planning Type, Flexible Planning, Transfer Planning to Demand management)
* PIR Generation(Planned independent requirement) and Stock Evaluation.
* MRP Run Single Item Multi Level and MRP Run Single Item Single Level
* Back ground MRP run and scheduling for MRP Run.
* Configuring standard value keys, control keys, formulas, production supply areas for new resources as a part of master data set up.
* Defined capacity requirements for resources by using standard values and formula constants.
* Defined resource formulas and assigned cost centers to resources to evaluate the product costing of the material.
* Responsible for creating operations and phases in master recipes by defining control keys, relationships between phases and standard values.
* Defined and configured Batch Management in process orders. Responsible for creating process order types and processing of process orders.
* Configured availability check, production scheduling profile, process order types, and plant parameters, automatic purchase requisitions from MRP and goods movements.
* Responsible for availability checking, batch determination and confirmations in process orders.
* Responsible for Sales and operation planning using the forecast model and material requirement planning for make to stock type of planning.
* Responsible for creating and setting up of SOP for product groups.
* Configured MRP (Material Requirement Planning), Demand Planning and Scheduling Procedures to integrate with purchasing and delivery requirements.
* Provided Functional specifications for reports and guided ABAP developers
* Involved in post implementation support for end-users by noting down the problems and giving solutions, and doing configuration changes, as and when required.
* Resolving the defects if any master data or configuration is missed in implementation.
* Development works which has been changed as per customer requirement.
* Prepared User documentation and Configuration documentation
* Performed Unit testing and Integration testing. Performed User acceptance testing as a part of business approval process using HPQC.

**Alexion Pharmaceuticals Smithfield, RI**

**SAP PP/PI/QM Consultant Dec 2016- March 2018**

**Environment: SAP ECC 6.0**

**Description:** Alexion Pharmaceuticals, Inc. is a global biopharmaceutical company focused on developing and delivering highly innovative and life-transforming therapies for patients with severe and life-threatening diseases.

**Responsibilities:**

* BOM creation using Engineering change number (ECN). Manage component validity using change number, Phantom BOM component.
* Work center creation, use of the Standard value key. Work center formula for scheduling and costing.
* Routing Control key, external operation, Purchase info record without material, Auto Good Receipt, Milestone and operation wise confirmation.
* Production version creation and trouble shoot it. Manage lot size and validity of the production version.
* Audit the service management process (Incident management, Change Management, Problem Management)
* Different Lot sizing procedure, Reorder based planning, Safety stock for the material.
* Schedule margin Key for Float before the production and float after production.
* Mass release of the production order and printing of the production orderhelp to key user to print barcode work about that was created in excel.
* Availability Checking Group, Checking Rule (PP), Scope of check (stock and in and out movement of material) and checking control (Production order create and release).
* Confirmation of the production order, COGI for Movement error of auto Good issue (Back flush) and auto Good receipt.CO1P for predefine process.
* PI sheet, Control Recipe Monitor, Maintain PI Sheet, Process Massage Monitor
* Create Transfer order to move inventory to Ware house and confirmation of it. Material movement using TR, TO and confirmation of it.
* Help the user to do their daily transaction for outbound delivery, Pick pack, handling unit, shipping and find small issue during their daily transaction.
* Variant Configuration, Variant Class, BOM and Routing object dependency, configuration profile.
* Stock transfer order between Intercompany plant, Non-SAP plant and External vendor.
* Worked on Enhancement, RICEF objects with technical team as user requirements.
* Support and Trained the End and super user to do their business process using Global Caterpillar template, find their report and help them to manger the layout.
* Integration with QM for the Inspection type, QM master data (Inspection plan, Sampling Procedure, Master inspection characteristics, catalog, selected set), Result recording, Usage decision, Quality Notification and Quality certification.
* Experience with SAP R/3 4.6x, 4.7x and ECC 6.0 & ehp6, Delivering solutions within SAP for Supply Chain Management (SCM), Linear Asset Management (LAM), Enterprise Asset Management (EAM) and Plant Maintenance (PM).
* Involved in APO upgradation (From APO SCM 4.0 to SCM 5.0) project

**Nokia Irving, TX**

**SAP PP/QM Consultant Jan 2015 –Nov 2016**

**Environment: SAP ECC 6.0**

**Description:** Nokia is a Finnish multinational telecommunications, information technology, and consumer electronics company, founded in 1865. Nokia's headquarters are in Espoo, in the greater Helsinki metropolitan area.

**Responsibilities:**

* Worked in a Repetitive Manufacturing environment with MTS scenario.
* Carried out AS-IS study and documented the process.
* Arrived at the TO-BE Process in consultation with the business.
* Identified the Gaps and determined the RICEF objects according to the business requirements.
* Prepared questionnaire for executive sessions and demonstrated SAP R/3 PP related functionalities in various practical scenarios.
* Used VISIO to map different process flows for AS-IS and TO-BE.
* Defined the PP Master Data - BOM’s, Work Center, Rate Routings, Production Version, Product Cost Collector and Rough-Cut capacity Planning.
* Maintained multiple Production Versions based on lot sizes defined by the business.
* Defined work center categories, capacity categories, shift sequence, standard value keys, capacity and scheduling formulae.
* Worked with the CO Team - to create activity types and cost center and assigned them to work center to evaluate the product costing of the product.
* Created new Control Keys based on business needs to carry out milestone confirmation and automatic goods posting.
* Configuring the SAP (PM) as per requirements of the To-Be Processes. Areas covered include corrective maintenance, breakdown maintenance, preventive maintenance, refurbishment of repairable spares and external services. Prepared Test Plans using Quality Centre
* Leading the offshore team to define and configure MRP / MPS parameters.
* Defined and configured new REM Profile based on business needs.
* Hands on experience with planned orders, Purchase requisitions, Purchase orders, Planning table, Material staging using pull list, Phantom Assemblies and Back flushing processes.
* Worked with the MM Consultant to facilitate the Sub-Contracting process.
* Involved in setting demand management functions and MRP parameters like planning horizon, creation indicators such as purchase requisition, delivery schedules and MRP list, planning mode, and Scheduling.
* Coordinated with technical consultants by providing them detailed Functional Specifications for customization according to business requirements for interface between SAP and MES systems.
* Customized standard value keys and control keys in the work center.
* Managing financial performance and productivity improvements/ KPI: Value for customer, enhanced margin and P&L performance v plan)/
* Delivering service that meets SLA (KPI:SLAachieved and higher customer satisfaction)
* Prepared test scripts and conducted regression testing for APO DP and SNP for 4 major releases.

**LM Wind Power Grand Forks, ND**

**SAP PP/PI Consultant Aug 2013 – Dec 2014**

**Environment: SAP ECC 6.0**

**Description:** LM Wind Power is a supplier of rotor blades to the wind industry. LM Wind Power has manufactured more than 175,000 blades since 1975.

**Responsibilities:**

* Participated in complete life cycle implementation.
* Assisted in defining project scope for the company and implementation of SAP PP-PI with full life-cycle implementation using ASAP methodology.
* Actively involved in designing AS-IS and To-BE study and documentation.
* Participated in a cross-functional, team environment, supporting the established Client’s global design.
* Business blue print preparation and defining/mapping the production processes.
* Work with business users to gather requirements to identify process requirements, impact on the other areas.
* Configured process instructions, process messages and control recipe destinations to ensure interface functionality and to meet all production reporting requirements via the SAP PI-sheet.
* Configured prototype of the ‘TO-BE’ SAP system to pilot the Make-to-Stock and Make-to-Order Processes with Quality Management Integration
* Responsible for Sales and Operations planning, Master Production scheduling and Capacity Planning.
* Reviewed sales forecast with product managers to assess long term production plans.
* Responsible for planning, executing data conversion and data transfer activity
* Developed new Batch Tickets and Pick list reports for Westlake Chemicals.
* Receiving data from various users of different plants across multiple disciplines.
* Worked on validation, cleansing and configuration of Master data and creation of Master Data including Bill of Materials, Resources, Master Recipe and Production Versions
* Studied and analyzed the client’s business process requirements.
* Configured and customized **material master**, **bill of material**, **work center** and **routing**.
* Customized planning strategies, requirement type and requirement classes.
* Worked on Make to stock Planning strategy
* Responsible for Customizing various **MRP** types, **MRP** Group, lot size calculation, scheduling margin key and procurement proposals.
* Responsible for Documenting configuration in the IMG, finalizing and reporting requirements, maintained Planned Independent Requirements by transferring data from Sales and operation Planning
* Configured Production order, Scheduling, Availability check, Goods movements.
* Responsible for creation, release and confirmation of Production Orders
* Responsible for trouble shooting the day to day queries from shop floor and end users.

**RJ Reynolds Winston-Salem, NC SAP PP/QM Consultant Oct2012- July 2013**

**Description:** R. J. Reynolds Tobacco Company (RJR), based in Winston-Salem, North Carolina and founded by R. J. Reynolds in 1875, is the second-largest tobacco company in the U.S.

**Responsibilities:**

* Involved in complete Support and development of new enhancements.
* Created design documents coordinating with business users for new enhancements.
* Strongly worked on warehouse management and integrated with PP
* Configured new warehouse, storage types and Bins.
* Created STO to move stock to storage facility.
* Configured Put away strategies
* Also, created Purchase orders for imported products.
* Designed functional specification for custom cycle count program.
* Performed Cycle counts by using RF scanner by scanning the barcodes.
* Configured Work centers, BOM, Routings and production lines.
* Configured production order types and order type parameters.
* Performed Atomization of settlement process for orders that need to be settled in current period and year.
* Provided functional specification for a custom report to pull up all the inactive parts which don’t have goods movements past 2 years.
* Configured and performed scheduling calls for the plans.
* Created test data for various PP related master data.
* Configured availability check, MRP Planning parameters, and Production Scheduling Profile and goods movements in production planning.
* Maintained planned independent Requirements by transferring data from Sales and Operation Planning.
* Configured graphic profiles for Capacity Planning/Leveling.
* Performed Unit and integration testing.
* Strongly coordinated with ABAP, LE and customer service teams to resolve various user related issues.

**Owens Corning Toledo,OH**

**SAP PP Consultant Dec 2011 – Sep 2012**

**Environment: SAP ECC 6.0**

**Description:** Owens Corning is a global company that develops and produces insulation, roofing, and fiberglass composites.Owens Corning has been a Fortune 500 company every year since the list was created in 1955.

**Responsibilities:**

* Implemented PP module and its related interfaces with other modules (MM, WM and QM).
* Configured BOM item categories, default values for item status, BOM status, BOM usage, BOM alternative determination and multi-level BOMs.
* Configured planning strategies and requirements types, created MRP elements, MRP groups, MRP controllers, Availability check rules, lot size calculations, planning horizons, material availability in blocked and stock in transfer, basic and lead time scheduling, strategy group and MRP group assignments.
* Implemented forward/backwards consumption of independent requirements by customer orders.
* Worked on various planning strategies like make to stock, make to order, planning with final assembly, planning without final assembly and planning at assembly level
* Created assignments with respect to cost centers and people.
* Created Location groups and moved time matrices and used statistical work centres for cumulating capacities via hierarchies.
* Forecasted demand for product groups is validated with rough-cut capacity planning profile for bottleneck work centers and transferred to demand management.
* Created forecast in APO and passed to R/3 SOP as Planned Independent Requirements where MRP was run to generate planned orders, and eventually execution of process orders
* Worked on MIGO transactions for Goods receipt(GR)/Goods issue(GI) for purchase orders, sales order, stock transfer and STP
* Responsible for direct day-to-day functional production support in the SAP modules of Manufacturing and APO/Planning.
* Coordinated with other team members for conducting cross functional testing scenarios.
* Created and modified functional specification documents for custom-programs and for Data extraction.
* Coordinated with programmers by giving functional specification for customization according to user requirements.

**Nilkamal Plastics Mumbai, India**

**SAP PP Jr Consultant Mar 2010 – Nov 2011**

**Environment: SAP R/3 4.7, ECC 5.0**

**Description:**Nilkamal Plastics is Asia’s largest plastic processor of molded products based in Mumbai.

**Responsibilities:**

* As SAP PP Trainee and worked on day to day production activities on the shop floor.
* Get trained and worked in configuration of various master data including Material Master, BOM, Work Center and Routing.
* Worked on ETO (Engineer to order) and created Planning BOM for independent customer requirements.
* Get Trained and worked in configuring Enterprise Structure.
* Configured MRP Controller, MRP types, MRP Area, Planning Calendar.
* Worked on Make to Order scenario.
* Worked on creating planned orders, converting to production order, goods movement.
* Worked with PP implementation team in configuring Stock transfer.
* Trained in demand management, sales and operation planning, capacity planning and MRP run.
* Assisted Formulating Unit Test scenarios and Integration Test scenarios developed Test scripts.
* Participated in Technical and design review meetings.
* Received formal end user training.
* Worked as end user and provided production support to resolve production issues

**Education:**

Bachelor of Engineering, India.