

SUJITH BAYIREDDY

Sr. SAP Functional consultant

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Professional Summary

- SAP Functional Consultant with **10+ years of experience** in S/4HANA implementations across PP, MM, SD, QM, and WM modules, specializing in **order fulfillment, production planning, MTS/MTO strategies, and supply chain optimization**.
- Skilled in **integrating PP with MM, QM, PM, FI-CO, and SD modules**.
- Worked on **two full life cycle implementations** covering **configuration, implementation, and maintenance** of PP/MM.
- Proficient in **ASAP methodology, production/post-production support**, and multiple industry domains.
- Expert in **As-Is to To-Be process design, Blueprint, Realization, Go-Live, Production Support, Testing, and Training**.
- Exposure to **Discrete Manufacturing, Repetitive Manufacturing, and Variant Configuration** implementations.
- Proficient in **PP configuration and Master Data management**, including **Material Master, BOM, Routings, Work Centers, Production Version, Product Cost Collectors**.
- Configured **Sales and Operations Planning (SOP), Demand Management, Consumption-Based Planning, Planning Strategies (MTS, MTO), Capacity Planning, Scheduling, and Production Order Execution**.
- Configured **Repetitive Manufacturing processes: Rate Routing, Production Lines, Production Versions, Backflushing, Material Staging, Planned Orders, Production Scheduling Profiles, Production Order Cycles**.
- Experienced in **Production Strategies and Scenarios**, managing **Production Orders and Process Orders**.
- Configured **MRP Plant Parameters, MRP Groups, MRP Controllers, Special Procurement Type Keys**, and executed **MRP Runs** for background jobs.
- Set up **Variant Configuration elements: Configurable Materials, Characteristics, Class, Configuration Profile, Object Dependencies, Super BOM, Super Routing**.
- Managed **MRP for BOM Explosion, Lot Size Calculation, Reorder Point, Planning Run, Planning Results**.
- Collaborated with **ABAP Consultants** using **User Exit, User Training, Documentation, Go-Live, and Post Implementation Support**, including **Customization/Configuration and Enhanced Development**.
- Proficient in **Procure-to-Pay (P2P) Cycle configuration**.
- Performed **Inventory Management Transactions: Goods Movement, Goods Withdrawal, Goods Receipt, Material Doc List, Goods Issues, Transfer Posting**.
- Worked on **EDI/IDOCs**; configured errors for **IDOC & EDI 860 and EDI 850** inbound/outbound processes.
- Managed **MM Master Data: Vendor Master, Info Record, Source List**.

- Handled **Purchase Order Types**: Standard, Stock Transport Order, Consignment, Subcontracting, Third-Party.
- Configured **Physical Inventory Procedures**: Continuous and Cycle Counting.
- Experienced in **MM modules**: Purchasing, Inventory Management, Master Data creation.
- Generated **SAP Query Reports** and performed **Data Migration using LSMW** with ABAP support.
- Gathered **requirements from End Users** and prepared **Functional Specification Documents (FSD)** in **RICEFW components**.
- Executed **Shop Floor Activities**: **Availability Check, Creating Production Orders, Releasing Orders, Goods Issue, Goods Movement, Order Confirmations, Order Settlements**.

TECHNICAL SKILLS:

SAP Modules	SAP PP (Production Planning) with integration to QM, MM, WM, FICO, PSA, PS, HR
Other Tools	SOLMAN, JIRA, MS Office-Excel/Word/PowerPoint/Outlook, SharePoint.
ERP Packages	SAP ECC 6.0, S4 HANA
Methodologies	Accelerated SAP (ASAP), SAP Best Practices, SIT/UAT Testing
SAP Tools	IDOC, EDI, WRICEF (WRIEF), FDDs, Solution Manager (SOLMAN), SAP Best Practices
Data Migration	LSMW, BDC

Professional Experience

Client: Southern Company

04/2024 – Present

Location: Atlanta, GA

Role: Sr. SAP Functional Consultant

Industry: Utilities

Responsibilities:

- **Sr. SAP Functional Consultant** involved in **full cycle implementation** at multiple locations.
- Participated in **project preparation** and **Blueprint/Business Process documentation**.
- **Led meetings** with **Client Counterparts** and **Business Analysts**.
- Involved in **Master Data conversion** from legacy systems to SAP using **direct extraction**, including **GL account assignments** and **finance-relevant data migration**.

- Worked in **PP module configuration** of **Master Data** (Resources, BOMs, Routings); customized **Production Orders, Release, Confirmations, and Availability Check**, ensuring correct impact on **FICO postings**.
- Collaborated closely with **Finance team** to assign and validate **G/L Accounts**, ensuring **accurate accounting integration** for transactional and master data.
- Defined **Order Types, Unit of Measurement conversion rules, and Confirmation Parameters** in **Process Order Management**.
- Configured **Batch Search Strategy Types, Search Procedures, Sort Rules, and SLED** for various materials.
- Configured **LIMS (Laboratory Information Management System)** integration with **Quality Management**.
- Involved in **Unit Testing, Integration Testing, and User Acceptance Testing (UAT)**, including **FICO integration scenarios** (MM-FI, GR/IR, P2P).
- Created **End User Documentation and Training Materials**, including finance-focused knowledge aids for **accounting and FICO users**.
- Worked extensively on **PP-WM Integration** to allow **Production Orders** confirmation from **Custom RF Screens**, ensuring financial postings flow correctly to **FICO**.
- Implemented various **OSS Notes** to resolve custom issues in **MRP runs, Production Order Release, and COGI Access Control** impacting **financial postings**.
- Customized **Production Order Layouts**.
- Completed configurations for **Enterprise Structure, Master Data, Transactional Data, Integration, and Interfaces**; prepared **Baseline Configuration Documents** and **Test Scripts** for **SAP QM and PP Modules**, including **finance-relevant transactional data**.
- Prepared **Mapping Rules** to migrate **QM Master Data** (MIC, Methods, Inspection Plan) using **LSMW**.
- Loaded **QM (MIC, Methods, Inspection Plan, Quality Certificates)** and **PP (Master Recipe, BOM)** data using **Data Migration Tools (LSMW and BDC)**, including **GL-impacting transactional data**.
- Configured and executed **End-to-End Business Processes** for **Make-to-Stock (MTS)** and **Make-to-Order (MTO)** scenarios, ensuring **financial postings in FICO** are accurate.
- Completed **RICEF Objects** as per Business Requirements, including **finance-relevant reports and interfaces**.
- Tested integration between **MM, FICO, and PM Modules** for an error-free **Process-to-Pay (P2P)** cycle.
- Prepared **End User Training Documents, User Manuals, and Training Aids** for finance and operations users.
- Created a **Cutover Plan** detailing all Pre-Go-Live Tasks, including **finance-related cutover activities** (GL assignments, GR/IR balances).
- Designed and supported **Hyper-care Plan** for Post-Go-Live Support, ensuring **Customer Support, Data Integrity, and System Stability**, including quick resolution of **FICO-related incidents** via **ServiceNow**.
- Provided **quick responses and solutions** for critical issues using **ServiceNow**, including **finance and accounting issues**.
- Conducted **S/4HANA Implementation Analysis** and **BI Analytics integration**, including **finance reporting and dashboards**.

Client: DPSG
Location: Dallas, TX
Role: SAP PP/PI Functional Consultant
Industry: Beverage

08/2021 - 03/2024

Responsibilities:

- SAP PP-PI Consultant in an **End-to-End SAP Implementation Project**; interacted with **key users** for **requirement mapping** and preparation of detailed **As-Is scenario documentation**.
- Assisted in **project definition and preparation**, defining objectives for **Business Blueprint, Realization, and Final Demonstration**.
- Responsible for **customization of Process Industry (PP-PI)** according to business requirements and **integration between modules**, ensuring **accurate financial postings to FICO**.
- Managed **Master Data** cleansing, configuration, and creation including **BOMs, Resources, Master Recipes, and material master setups** impacting **GR/IR and valuation accounts**.
- Configured **Standard Value Keys, Control Keys, Formulas, and Production Supply Areas** for new resources as part of **Master Data setup**.
- Developed **Blueprints for MM module**, coordinating with **FICO teams** for **GL account integration and accounting impact validation**.
- Configured **Materials Management (MM) and Warehouse Management (WM)** activities; reviewed **AS-IS/TO-BE documents** ensuring **P2P integration with FICO**.
- Defined **capacity requirements and resource formulas**, assigning **Cost Centers** to evaluate **Product Costing**, aligning with **CO module requirements**.
- Created **operations and phases in Master Recipes** using **Control Keys, Phase Relationships, and Standard Values**.
- Configured **Batch Management in Process Orders**, ensuring proper **valuation and posting in FICO**.
- Created **Process Order Types** and managed **Process Order Processing**.
- Configured **Availability Check, Production Scheduling Profile, Plant Parameters, and Automatic Purchase Requisitions** from **MRP & Goods Movements**, ensuring **GR/IR and FICO postings** are accurate.
- Managed **Availability, Checking, Batch Determination, Confirmations** in **Process Orders**.
- Responsible for **Sales and Operations Planning (SOP)** using **Forecast Models** and **MRP** for **MTS planning**.
- Created and set up **SOP Product Groups**.
- Configured **MRP, Demand Planning, Scheduling Procedures** to integrate with **Purchasing & Delivery Requirements**, impacting **FICO planned vs actual postings**.
- Executed **Planning Runs**; processed **Planned Orders** and **MRP List Evaluations**, ensuring **correct transactional postings in FICO**.
- Configured **Background Jobs for MRP and Special Procurement Keys**, resolving **planning & production issues** with **finance integration**.
- Responsible for **customization of PP-PI Module** and **cross-module integration**, coordinating with **FICO for accounting points**.
- Performed **Testing** – developed **Unit & Integration Testing Documents**, analyzed results, resolved issues, including **FICO posting scenarios**.
- Prepared **Business Process Procedures (BPPs)** and conducted **Knowledge Transfer & End-User Training**, including **finance-related workflows**.
- Managed **Data Migration and Cut-Over Activities** during **Go-Live**, validating **finance-relevant master & transactional data**.

- Conducted **User Training**, developed **Training Documentation**, trained **Key Users**, and provided **FICO end-user support guidance**.
- Delivered **Final Project Presentation** post-implementation, highlighting **cross-module PP-MM-FICO integration**.

Client: Peoples Natural Gas

10/2019 - 07/2021

Location: Pittsburgh, PA

Role: SAP PP/QM Functional Consultant

Industry: Utility & Energy

Responsibilities:

- Analyzed **Business Requirements**, studied **AS-IS Business Processes**, and submitted solution designs with **TO-BE Business Process flows**.
- Performed **Data Migration** using **LSMW**, ensuring accuracy for **master and transactional data**.
- Prepared **End-User Status Reports** from SAP Tables based on **Business Requirements**.
- Developed **Test Plans** for **Unit Testing** and **Regression Testing** for **Enhancements and Bug Fixes** to **Master Data Applications**.
- Configured **Availability Checking Group**, **Checking Rule (PP)**, **Scope of Check**, and **Checking Control** for **Production Order Creation and Release**.
- Developed **Test Cases** for various **Purchasing Documents** under multiple scenarios.
- Prepared **Functional Specifications (FSDs)** for **RICEFW Objects**.
- Handled **Cut-Over Activities** for **Production Planning Scope** during **Go-Live**.
- Managed **Production Order Confirmation**, **COGI for Movement Errors**, **Auto Goods Issue (Backflush)**, and **Auto Goods Receipt (COIP)** for predefined processes.
- Designed and supported **OTC Processes**, including **Order Management** and **Order Fulfillment**.
- Set up **Automatic Batch Determination** and **Stock Determination** by defining **Strategy Types** and **Strategy Groups**.
- Expertise in **Goods Issue / Goods Receipt (GI/GR)** for **Purchase Orders**, **Sales Orders**, **Stock Transfers**, **Transfer Postings**, **Reservations**, and **Special Stocks** in **Inventory Management (IM)**.
- Resolved issues related to **Background Job Runs**, **Planned Orders**, and **Process Orders Conversion**.
- Worked on **QM Master Data**, **Quality Inspection**, **Quality Notifications**, and **Quality Control**.
- Managed **Batch Picking Strategy** using **FIFO** and **LIFO** methods.
- Implemented **Make-to-Order (MTO)** and **Make-to-Stock (MTS)** production strategies.
- Executed **Shop Floor Activities**, including **Capacity Planning**, **Availability Check**, **Release of Orders**, **Printing & Customizing Shop-Floor Papers (BMR/BPR)**, **Goods Issue**, **Goods Movement**, **Order Confirmations**, and **Order Settlements**.
- Defined **Product Divisions**, **Material Groups**, and **Number Ranges**; configured **Reasons for Movements** for various IM transactions.
- Performed **End-to-End Testing** to ensure execution of all **Business Scenarios**.
- Worked on **SAP Database integration with Tableau** for reporting and analytics.
- Provided **Training to Super Users and End Users** on handling **Critical Production Breakdown Issues** efficiently.
- Prepared **User Manuals** for effective and robust **SAP Tool Usage**.

Client: Bharat Forge Ltd
Location: Pune, India
Role: SAP PP Consultant
Industry: Manufacturing

11/2017 - 08/2019

Responsibilities:

- Analyzed **Master Data** (Material Master, BOM, Master Recipe, Resources, Production Version) and performed configuration changes for **Process Order Management, MRP, MRP Groups, and Plan Parameters**.
- Responsible for setting up **Variant Configuration Model** for **Special Order Items**.
- Performed **MM and Invoice Verification (IV)** configuration.
- Trained **End Users** and **Level 2 Support** for **MM (PTP) & SRM-EBP Regular Transactions**; trained **Vendors** using **PowerPoint** and **User Manuals**.
- Configured **Third-Party Distribution Purchase Orders**.
- Customized **Automatic Purchase Order Creation**.
- Configured **Master Data, POS, and E-Commerce** integration with **Material Management (MM)**.
- Maintained **LE planning settings** for **Status** and **Event Verification** through **Forwarding Agents**.
- Validated **Master Data** for **LE and IM**, assisted in developing **Local Templates** for **Data Loads**.
- Created **PSA, InfoSources, DataSources** for **ETL** from **SAP R/3** to **SAP BW**.
- Designed and configured **Direct Procurement of Materials** using **RTP Process** with **Release Strategies**.
- Created **Master Inspection Characteristics**; implemented **PP/QM** with **Automatic Usage Decision**.
- Configured **Batch Management** for **Inventory Visibility** and facilitated **Goods Issue** using **Search Strategies**.
- Identified **PP/QM Master Data Attributes**.
- Provided **Statistical Analysis, Process Review, and Process Prediction**.
- Developed **QM Custom Reports** and **Functional Specifications**.
- Developed **QM Master Data Templates** to validate **Data Migration Process**.
- Experienced in **LIS Reporting** for **Shop Floor Control** and **Inventory Reporting**.
- Integrated with **QM Module** to perform **In-Process Inspections**.
- Created **Inspection Plans, Master Inspection Characteristics, Work Centers, and Selected Sets/Catalogs** for **PP/QM Master Data**.
- Defined and configured **MRP Strategies** and designed **Manufacturing Scenarios** in **PP/QM** for **MTS** and **MTO** strategies.
- Configured **PP/QM Inspection Types** and **Inspection Horizons**.
- Customized **PP/QM Inspection Types** in **Material Master**; configured **PP/QM Inspection Characteristics**.
- Configured **Print Controls** for **Quality Notifications** in **PP/QM**.

Client: Dr. Reddy Labs
Location: Hyderabad, India
Role: SAP MM/PP Consultant
Industry: Pharmaceutical

07/2015 - 10/2017

Responsibilities:

- Involved in **Requirement Gathering, Blueprint Validation, SAP Process Mapping to Business Processes, Gap Analysis, Configuration, Testing, Training, Documentation, and Post Go-Live Support** phases of **ASAP Methodology**.
- Conducted **As-Is Study** and developed **To-Be Processes** with project team members using **ASAP Methodology**.
- Worked as an **End User** and in **Configuration**.
- Configured **Material Master Screen Sequence Layouts** for different **Material Types, Material Groups, and Field Selection Groups**, including **Purchasing Value Keys** and **Shipping Instructions**.
- Conducted **Training Sessions** for **Shop Floor** and **Section Users** in **MM** and created detailed **User Documentation**.
- Explained to **Key Users** how the **Procurement Cycle** works in **SAP**.
- Configured **MM Organization Levels: Plant, Storage Location, Purchasing Organization, and Purchasing Groups**.
- Assigned **Plants to Purchasing Organization** and **Plants to Company Code**.
- Assisted in building **Master Data** for **Materials** and **Vendors** through **cross-functional collaboration**.
- Assigned **Number Ranges** for configured **Material Types** as per **Business Requirements**.
- Created **Vendor Performance Reports** listing **Vendor Name, Materials Supplied, Planned and Actual Delivery Dates, Prices, and Payment Terms**.
- Configured **Vendor Account Groups, Vendor Sub-Range Functions, Screen Layouts, and Number Ranges** referencing **Accounting Groups**.
- Created **One-Time Vendors** and performed **Vendor Evaluation**.
- Configured and defined **Release Procedures** for **Item-Level Release** for **PRs** and **POs** according to the **Hierarchical Structure**.
- Worked on **Invoice Reduction, Price/Quantity Variance, Blocking, Cash Discount or Tax, and Subsequent Debit/Credit to Vendor**, including **Credit Memos** and **Reversals**.
- Configured **Tax Procedure** including **Access Sequence, Procedure, Jurisdiction Code, and Tax Code**, and assigned to **G/L Accounts**.
- Implemented **Automated Account Determination** by defining **Valuation Class, Valuation Grouping Code**, and assigned to **G/L Accounts**.
- Maintained **Account Postings** for **Stock Account, GR/IR Clearing Account, Vendor Account, and Expenditure/Revenue Price Difference Account**.
- Configured **Release Procedure** for **Purchase Orders** in coordination with **Workflow Consultants**.
- Updated **Release Procedures** for **Purchase Orders** and assisted **Workflow Consultants** in implementing changes.

Educational Qualification:

Bachelor of Technology: Electronics and Communication Engineering – **Amrita University**