**RAGHUVARAN LOGANATHAN**

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**PROFESSIONAL SUMMARY:**

* **Senior consultant** specializing in SAP MM/PP in S4 HANA and 9+ years of diverse experience, having successfully led one SAP S4 HANA Implementations and two ECC 6.0 Implementation/Rollout Projects on both domestic and international fronts.
* **Expertise in SAP** End to End accelerated implementations and Application Support Projects as a Team Lead and Team member provide system support to end users, contribute on SAP initiatives and projects, configuring, customizing, and improving the system in Procure to Pay business process.
* **Strong understanding of fundamentals of Supply chain, Logistics** – Procurement, Extended Warehouse Management, Inventory Management, Logistics Execution, Transportation Management, Production Planning, Sales and distribution, Demand Planning, SNC and GATP. Thorough understanding of integration point in MM/LE with SD, QM, WM and FI/CO modules
* **Expert in Data Conversion** of Material Master, Purchase Orders, Vendor Master, Fixed Assets, Customer Master, Stocks MM pricing, Expertise in migrating data from legacy system to SAP S/4 using LTMC Migration Cockpit & legacy to ECC 6.0 using Legacy System Migration Workbench (LSMW) with Direct batch input and Batch recording input methods LSMW
* **Best Exposure to** Global Client facing across Global regions, complex Global business processes. Leadership as Team Lead, Project Lead, Enterprise Architect, Project Management, Risk Analysis, Process Improvement Change Management, Project Team Training, Rapid Deployment Solution, Accelerated SAP.

**SKILLS:**

* **In MM (P2P) Module** the areas covered are Materials Master (defining and configuring material types and their attributes), material master field selection, Vendor Master, Direct / Indirect procurement Purchasing (RFQ, Quotations, Requisitions, Purchase order, Outline Agreements, Source list, Quota Arrangement, Info Records etc.), Data Conversion of Material Master, Purchase Orders, Vendor Master, Fixed Assets, Customer Master, Stocks MM pricing, Split Valuation and Account Assignment, Release strategy using Classification system, Interplant / Inter-plant stock transfer STO, Inventory Management (Reservations, Goods Receipt, Goods Issue, Stock Transfers, Goods Movement, Material Characteristics, Physical Inventory, cycle counting etc.), Subcontracting and Consignment stocks, Lease, asset management, Vendor Evaluation, indirect travel card processing, Invoice verification.
* **Experience in Inventory Management module** with expertise in configuring new Movement types, GR, GI, Stock transfer, Transfer Posting, Reservations, Physical Inventory, Bill of Materials (BOM), and Material documents.
* **Broad exposure to various technologies**: EDI integration through IDOC, ALE, RFC, SFTP, File based, SSP interfaces; ABAP and mobile solution Experienced in IDOC extensions and IDOC types, verification of outbound and inbound IDOCs, Workflow basics and User-Exits.
* **GTS Configuration:** Proficient in configuring GTS organizational structures, legal regulations for import and export, and additional features such as external country codes and number ranges.
* **Compliance Management:** Expertise in managing export and import compliance, including sanctioned party list (SPL) screening, embargo management, license determination, and trade documentation. Extensive knowledge of NAFTA processes.
* **PPF Configuration:** Skilled in configuring Post Processing Framework (PPF) for printing various forms, including customs declarations, transit declarations, shippers' letters of instruction, and export packing lists.
* **Reporting and Analytics:** Developed and customized reports to meet specific business process needs, providing actionable insights for enhanced decision-making.
* **Integration and Optimization:** Deep understanding of GTS functionality and its integration with SAP ERP, ensuring optimized technology solutions that align with client business processes.
* **In PP Module,** worked in SAP PP Implementations and Material to Inventory streams for configuring Material Master, plant parameters such as Master Data, Production Orders, Work Centers, Bill of Materials (BOM), Routing, Shop-Floor Controls, Quality Inspection Plans, Maintenance Plans, Notifications, MRP controller, MRP groups, MRP types, Lot sizing procedure, availability check for components, and conversion of procurement proposals. Variant for MRP run, scheduled a background job to run every weekend.
* Configured and executed shop floor activities including conversion of planned orders and carrying out goods movements and order confirmations.
* Worked on MTS (Make to Stock), MTO (Make to Order), KANBAN, ETO (Engineer to order), repetitive manufacturing and PP-PI with engineering change management, batch management and serial numbers.
* Expert in Variant Configurations and VC’s Impact on PP, SD, MM, QM and CO from solution perspective.
* **In S4 HANA Module** Participated implementing and supporting S4 HANA, Fiori Application in Logistics, BPC-KPI implementations for large clients.
* **Expertise in Ariba** Upstream modules, including Ariba Spend Visibility, Ariba Sourcing, Ariba Contract Management, and Ariba Supplier Information & Performance Management. Proficient in Ariba Downstream capabilities, such as Procure to Pay (P2P), Procurement Content, and Invoice Management, with hands-on experience in CIG integration between Ariba and ERP S/4HANA for both inbound and outbound transactions, utilizing the Transaction Tracker. Configured Cloud Integration Gateway (CIG) connections and worked with OpenText. Additionally, experienced in Oracle applications integrated with Ariba solutions.
* **In WM module** the areas covered are WM Enterprise structure, Master data, put away/Picking strategies, Storage unit and Handling Unit management, Inbound / Outbound Processes, Returns / Returnable Packaging’s, defining movement types, RF configurations, PP/QM integration with WM, Batch. / Serial Number Output Determinations. Labeling, Yard Management and Cross docking.
* **In LE Module** having detailed knowledge of different shipping and delivery processes in supply chain management Item categories, Delivery Types, Shipping Point Determinations, and Routes etc.

**TECHNICAL SKILLS:**

* ERP Packages: S/4 HANA, SAP-R/3 40, SAP ERP 46c, 47e, 6B, ECC 60
* Operating Systems: Windows 8/7/XP/NT/2000/98
* Software Tools: MS Word, MS Excel, MS PowerPoint, MS Access, Visio, ARIS AutoCAD, Tableau, Crystal Ball
* Database: SQL Server, Oracle 8i, 9i
* Web Technologies/GUI: HTML, VB 6
* Data Dictionary: Structures, Domains and Data Elements
* Reports: Classical, Interactive, Report Painter, ALV, OO ALV
* Forms: SAP Scripts and Smart Forms
* Interfaces: BAPI, EDI/ALE/IDOC, RFC, BDT, SSP, EAI, WEB Methods
* Conversions: BDC, LSMW, LTMC

**EDUCATION:**

* **Master of Science in Technology Management,** Texas A&M University-Commerce, Texas
* **Bachelor of Engineering in Mechanical**, Visvesvaraya Technological University, India

**EXPERIENCE:**

**Client:** **Apple INC, Austin, TX December 2019 - Present**

**Role: Senior Consultant**

* Spearheaded the seamless integration of **SAP Retail & Core systems** with third-party entities, including **S4 HANA database**, ensuring data consistency, operational efficiency, and alignment with business objectives.
* Provided critical support during **S/4HANA** implementation, addressing end-user issues related to **Source-to-Pay (STP)**and **Warehouse Management** processes, including **Purchase Orders (PO)**, **Stock Transfer Orders (STOs)**, and **put-away** processes for vendor materials and production finished goods. Ensured smooth operations and efficient problem resolution to maintain business continuity.
* Defined and oversaw comprehensive strategic roadmaps encompassing all project phases, including **Project Preparation, Business Blueprint Design, Realization, Testing, Final Preparation, Go-Live,** and **Support** phases.
* Led SAP Retail expansion initiatives across **AMR, EMEIA,** and **APAC** regions, driving enhancements aligned with global business goals and operational needs.
* Optimized shipping and delivery processes by designing non-SAP application reports derived from SAP data, enhancing logistics efficiency, and training super users on **LE processes** and **Mobile data entry**.
* Implemented global mobile solutions for retail inventory processes, integrating **Goods Movement** interfaces between SAP and non-SAP systems via a shared service platform.
* Led the end-to-end implementation of **SAP IS Retail** solutions, including blueprint design, configuration, testing, and deployment, ensuring seamless integration with existing SAP modules and third-party systems.
* Managed **EDI integration** utilizing **IDOC, ALE, RFC, SFTP,** and **File-based** interfaces, leveraging expertise in **ABAP, Webdynpro,** and mobile solutions for optimized data exchange.
* Established real-time communication channels and integration interfaces with external partners, including suppliers and 3PL providers, using **EDI** and **API-based integrations** for seamless collaboration.
* Developed and managed **KMAT materials** and material variances, aligning product customization with manufacturing processes and optimizing resource allocation.
* Conducted configuration simulations to validate material setups, ensuring accurate integration with **MRP** processes for efficient inventory management and production planning.
* Designed and implemented **Super BOMs** and **Super Routings**, strategically assigning selection conditions to streamline production workflows and enhance manufacturing efficiency.
* Developed **Variant Configurations,** including the definition of new characteristics, pre-conditions, while conducting configuration simulations and testing for **MRP**.
* Provided expertise in **SAP Fiori** security concepts, including **role-based access control (RBAC)**, **Single Sign-On (SSO)**, and secure communication protocols to ensure data confidentiality and regulatory compliance.
* Oversaw the creation and maintenance of retail-specific master data, including **Articles, Sites, Merchandise Categories,** and **Assortments**, ensuring data accuracy and consistency across the enterprise.
* Designed and configured complex pricing structures within **SAP IS Retail**, including **Price Lists, Sales Prices,** and **Promotions**, enabling dynamic pricing strategies that align with market demands.
* Managed and optimized inventory processes within SAP IS Retail, including **Goods Receipts, Transfers, Stock Adjustments,** and **Inventory Counts**, to ensure optimal stock levels and reduce shrinkage.
* Integrated **Point of Sale (POS)** systems with **SAP IS Retail**, ensuring real-time data flow and synchronization between in-store transactions and back-end systems.
* Led the **mapping of data between SAP ECC and GTS**, enabling the **generation of customized reports** to enhance global trade compliance and operational transparency.
* Provide expert guidance during the business blueprinting phase, specifically around **SAP MM/P2P solutions** and how they integrate with both **Ariba Downstream (Procurement, Invoice Management)** and **Ariba Upstream (Sourcing, Contracts, Spend Visibility)**.
* Work extensively with **interfaces, IDOC’s, approver hierarchies**, and **plant configuration**. Experience includes **Ariba downstream solutions** like **Procurement on Demand**, covering end-to-end processes from requisitioning to payment, including catalogue management and order creation.
* Facilitated signoffs for **Business Requirement Documents (BRD)** and **Solution Impact Analysis (SIA)**, ensuring alignment with project goals and timelines.
* Conduct process integration and user acceptance testing for **Ariba Procurement (Downstream)**, covering **catalog management, requisitioning to receiving**, and **invoice and payment processes**. Also, ensure seamless testing for upstream processes like **supplier performance management** and **contract management**.
* Addressed **CIG (Cloud Integration Gateway) issues** between **Ariba** and **SAP**, ensuring seamless data flow and process alignment across systems.
* Expertise in **Ariba Invoice Management**, handling reconciliation issues, order creation, and resolving failures between **Ariba Network and ERP** with the help of **IDOCs**.
* Managed both **Ariba Supplier Network** and **Buyer Network**, ensuring smooth integration and resolution of procurement and supplier-related issues.
* Maintained involvement throughout all project phases, from **Business Blueprint** and **Realization** to **Integration Testing, UAT, Go-Live,** and post-implementation support.
* Contributed to change management initiatives by providing comprehensive stakeholder support, meticulous documentation, training, controls, and metric tracking to ensure successful implementations and adoption.

***Environment:*** SAP ECC 6.0, S4

**Client: LB Foster Company, Pittsburg, PA April 2019 - December 2019**

**Role : Consultant**

* Led the SAP implementation using **ASAP Methodology**, covering all project phases from **Project Preparation, Business Blueprint, Realization, Final Preparation, Go-Live,** to ongoing **Support**, ensuring successful project delivery.
* Developed comprehensive business process documents for **SAP S/4HANA MM** processes, including **MM organizational structures**, **Material and Purchasing master data**, **Purchase Orders**, **Contract processes**, **Goods inbound processes** integrated with **EWM**, **Inventory management**, and **Logistics invoice processing**. Ensured accurate and detailed documentation to support seamless implementation and user understanding.
* Played a key role in configuring **SAP STP, MTI, EWM,** and **TM** processes, including organizational structures, **PR/PO/Quotations**, pricing, release strategies, and inventory management movement types.
* Managed complex integrations across **MM, FICO, SD,** and **QM** modules, overseeing **STO** processes and ensuring seamless data flow and process efficiency throughout the system.
* Configured **MM Organizational Elements** such as **Company Code, Purchasing Organization, Plant,** and **Storage Locations** to align with business needs.
* Hands-on experience in configuring **Material Master, Vendor Master, Partner Schema, Purchase Requisition, Purchase Orders,** and **Pricing Schemas**.
* Designed and configured complex purchasing scenarios, including **Outline Agreements, RFQ, Source List, Info Records, Quota Arrangement, Scheduling Agreements, Vendor Consignment,** and **Subcontracting**.
* Configured **Inventory Management Movement Types** and set up number ranges for material documents such as **Goods Receipts** and **Goods Issues**.
* Developed functional specs for multiple **RICEF** objects, including reports, enhancements, user exits, **BADIs**, **BAPIs**, and custom reports, ensuring tailored solutions for client needs.
* Managed **EDI** processes, including creating partner profiles, configuring message output, and testing inbound and outbound documents, ensuring accurate and timely data exchange between systems.
* Worked on **MTS (Make to Stock)** and **MTO (Make to Order)** processes, including configurable materials, **Super BOMs, Phantom Items,** and **MRP Lists**.
* Configured **KMAT Materials** with **Super BOMs** and routings, variant classes, characteristics, and assigned object dependencies for configurable profiles.
* Completed **SAP MM-PP** integrations, including MRP, material issuance to production orders, quality inspections, and receipts from production processes.
* Collaborate closely with business users to resolve issues and ensure their acceptance of the proposed Ariba solutions, including both upstream and downstream modules.
* Implemented various phases of logistics execution (LE) functions such as **delivery (Inbound and Outbound)**, inbound/outbound delivery notifications, **goods receipt processing**, and **put-away** in **SAP EWM**.
* Supported IDOC extensions, verification of outbound and inbound IDOCs, and handled ALE and Workflow processes.
* Configured **Customer Master Data** along with customer groups, payment terms, and other relevant fields.
* Maintained data for **BOMs, Routings, Classifications, Characteristics, Configuration Profiles, Info Records, Source Lists, Pricing, Vendors,** and **Customers**.
* Defined functional specifications for release procedures of external documents like **Purchase Orders** and **Purchase Requisitions**.
* Set up tolerance limits for invoice verification, and managed processes for blocking, releasing, and verifying invoices.
* Assisted in defining and configuring **PS Master Data, Project Definition, Work Breakdown Structure (WBS), Network Activities,** and other project elements.
* Directed the **transfer of master data**—including **customer**, **vendor**, and **material master data**—from SAP ECC to GTS using **asynchronous methods**, ensuring data accuracy and consistency.
* Implemented and managed the **ALE distribution model** for efficient and reliable **transfer of master data** between SAP ECC and GTS, facilitating seamless integration and synchronization.
* Prepare comprehensive business process documentation, functional specifications, and user training materials for both **Ariba Upstream** modules like **Ariba Spend Visibility, Ariba Sourcing, Ariba Contract Management**, and **Ariba Supplier Information & Performance Management** as well as **Ariba Downstream** modules like **Ariba Procure to Pay**.
* Established release processes for purchase requisitions and purchase orders according to departmental needs.
* Work with the technical team during the build and unit testing phases, ensuring test scripts are aligned with Ariba functionalities for **Procurement Content, Invoice Management**, and other downstream processes.
* Managed the entire project implementation lifecycle, from capturing user requirements through to **Business Blueprinting, Realization, Cutover,** and **Go-Live** phases.
* Determined and managed cutover activities for the Order to Cash team, collaborating closely with project management.
* Developed and maintained SQL scripts, indexes, and complex queries for data analysis and extraction, supporting various business needs.

***Environment:*** SAP S/4

**Client: TAFE Ltd, India September 2014 – December 2016**

**Role : Associate Consultant**

* Configured the end-to-end **Procure to Pay (P2P)** process, from source determination to invoice verification, streamlining procurement workflows and enhancing operational efficiency.
* Configured, customized, and updated **Master Data** such as **Material Master, Vendor Master, Customer Master, Info Records,** and **Partner Functions**, ensuring accurate and consistent data across the SAP landscape.
* Utilized and configured full procurement functionality, including **PR/PO cycles, stock transports, Source determination, scheduling agreements, contracts,** and **pricing schemas**.
* Provided comprehensive support and development for new enhancements within the SAP environment, ensuring seamless integration and system optimization.
* Developed **Data Conversion Strategies** and executed **Mock Data Loads** using **LSMW** for various inventory and purchasing document loads, ensuring seamless data migration from legacy systems to SAP.
* Designed mapping and migration processes for legacy data conversions, utilizing **SQL queries, MS Access,** and **MS Excel** for data extraction and transformation.
* Provided functional specifications for custom reports, including one that identified inactive parts with no goods movements enabling better inventory management.
* Customized **Sales Orders, Delivery Challans, Invoices, Proforma Invoices,** and **Purchase Orders**, including multi-language transcriptions to meet diverse business requirements.
* Conducted business process studies, design, blueprinting, and configuration for **Purchasing, Inventory Management, Warehouse Management,** and new functionalities, driving process improvements and operational efficiency.
* Configured special stocks in inventory management, including **Subcontracting** and **Vendor Consignment Materials**, to optimize inventory control.
* Organized and facilitated **Business Process Workshops** to define as-is and to-be processes for **Procure-to-Pay** (P2P) involving various manufacturing sites across different geographical locations.
* Prepared and demonstrated materials requirements planning (MRP) and long-term planning, comparing operative and simulative modes to optimize production planning.
* Defined **Condition Types, Access Sequences, Calculation Schemas, Scheme Groups,** and **Schema Determination** for pricing in Purchase Orders, ensuring accurate and automated pricing mechanisms.
* Configured **Valuation and Account Assignment** settings, including **Valuation Control, Valuation Classes, Account Groupings,** and **Automatic G/L Account Assignment**, optimizing financial integration.
* Managed the loading and configuration of **PP master data**, including **BOMs, Work Centers, Routings,** and **Production Versions**, ensuring accurate production planning and execution.
* Worked on **Logistics Invoice Verification** and **Automatic Invoice Settlements (ERS)**, ensuring accurate and timely processing of invoices and financial transactions.
* Automated the **Goods Receipt process** in **Repetitive Manufacturing** based on **EDI confirmations** from subcontractors and distributors.
* Developed and managed **EDI/IDOC interfaces**, ensuring reliable and efficient data exchange between SAP systems and external trading partners, supporting seamless logistics and supply chain processes.
* Implemented and configured **RF queues**, assigning users to different RF queues and optimizing mobile data entry screens to enhance warehouse efficiency.
* Activated **RF monitor** and developed interfaces for RF devices via **SAP Console** to seamlessly integrate RF devices into **SAP** and **Warehouse Management (WM)** modules, ensuring real-time data accuracy and streamlined warehouse operations.
* Provided go-live and post-live support, coordinating with local teams to resolve integration issues and ensure a smooth transition to the new system.
* Trained end users on the proper use of barcode scanners for accurate inventory counts, reducing errors and improving inventory accuracy.
* Collaborated with management to reduce scrap and waste, developing and implementing recovery plans to optimize resource utilization and minimize losses.

***Environnent :*** SAP ECC 6.0

**Client: Haat Incinerators India Private Limited, India** **June 2013 – August 2014**

**Role: Engineer, (SAP-MM)**

* Defined parameters for **Purchase Requisitions, Purchase Orders, Goods Movements**, and **Invoice Verification**, optimizing procurement and inventory management processes.
* Maintained key Master Data including **Material Master, Vendor Master, Info Records, Source Lists, Contracts,** and **Scheduling Agreements**.
* Configured the automated conversion of **Purchase Requisitions (PR)** to **Purchase Orders (PO)**, defining order profiles and ensuring streamlined procurement processes.
* Managed **availability checks, production planning, production order types**, and plant parameters, including the automatic generation of purchase requisitions from **MRP** (Material Requirements Planning).
* Managed the creation and maintenance of **Material Master Data** for **HALB (semi-finished)** and **FERT (finished)**material types, ensuring accurate data entry and alignment with production planning requirements.
* Collaborated closely with project and design teams to develop functional specifications and perform interface object testing, ensuring seamless integration between SAP modules.
* Customized **routings** and **work centers**, defining task list usages, standard values, and control keys. Configured task list types, material type allocations, and work scheduler/planner group settings to optimize production workflows.
* Defined and implemented **reduction strategies** and **routing selections** to enhance production efficiency and flexibility.
* Scheduled man-hours and machine hours, monitoring resource availability to ensure that jobs were completed and shipped on time, adhering to **Available to Promise (ATP)** guidelines.
* Led the transfer of initial stock from legacy systems into SAP, creating and managing Excel spreadsheets as a reference for material data entry into the SAP Material Master.
* Prepared quality plans/Inspection Test Plans (ITP) and managed the QA/QC program in accordance with company quality policies, ensuring high standards across all processes.
* Oversaw QC procedures, including **DP tests, Hydro tests,** and **NDE tests**, conducting incoming, in-process, and final inspections to maintain product quality.
* Analyzed non-conformance processes and products, documenting findings and ensuring corrective actions were implemented. Prepared monthly performance reports to evaluate and improve quality processes.
* Provided technical support to the Project Manager and guided site staff in material submissions, inspections, shop drawings, and the preparation of As-built drawings and O&M manuals.
* Executed tests, raised defects, and participated in training sessions to enhance expertise and ensure continuous improvement.
* Monitored and maintained efficient systems and records for all project activities, ensuring compliance with quality requirements and optimal execution of project tasks.

***Environment:*** SAP ECC 6.0