**AKHIL K SHEELAM**

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# PROFESSIONAL SUMMARY:

* Overall **8** years of hands-on experience in configuring and optimizing **SAP Production Planning (PP**), **SAP Warehouse Management (WM)** and **Materials Management (MM**) modules to enhance production efficiency and procurement processes.
* Led the successful deployment of **SAP PP** and **MM** modules, focusing on functional design, configuration, and post-implementation support.
* Expertise in managing end-to-end **Supply Chain Functions** within engineer-to-order manufacturing environments, optimizing production planning and plant maintenance processes.
* Expertise in **SAP** configuration for **PP Master Data**, **Production Execution**, and **Variant Configuration**, enhancing process efficiency.
* Skilled in **SAP** master data management, integrating **PP, MM**, and **WM** data to ensure data accuracy and process consistency.
* Extensive experience with **SAP EWM (Extended Warehouse Management)** integration, optimizing warehouse operations and streamlining inventory management processes.
* Successfully executed **SAP** Integration projects for **MM/WM/SD**, ensuring end-to-end supply chain visibility and process optimization.
* Led projects involving **Production Planning** Cycle, including demand forecasting, consumption, and reduction strategies to improve efficiency.
* Adept at configuring Warehouse Structures, optimizing storage locations, and defining **Putaway/Picking** Strategies for better resource utilization.
* Proven ability to collaborate with cross-functional teams for **Supplier Collaboration** Tools implementation, ensuring smooth communication across procurement and vendor systems.
* Skilled in customizing procurement and including purchase requisitions, **purchase orders**, **vendor management**, and production order management to ensure alignment with business objectives.
* Expert in configuring and implementing **MRP** parameters such as lot sizing, lead times, and procurement types, optimizing inventory levels, and ensuring on-time delivery.
* Proven success in integrating **SAP MM** with third-party systems using **EDI/IDOC** configurations to enhance data exchange and collaboration with external vendors and partners.

# TECHNICAL SKILLS:

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| **SAP Configuration** | SAP PP, SAP WM,SAP EWM, SAP SD, SAP MM, MRP (Material Requirements Planning), BOM (Bill of Materials), Routing |
| **Production Planning** | Make-to-Order (MTO), Make-to-Stock (MTS), Production Orders, Scheduling, Order Confirmations, Order Settlements |
| **Materials Management** | Procurement Cycles, Purchase Requisitions, Purchase Orders, Invoice Verification, Vendor Management, Stock Transfers |
| **Inventory Management** | Goods Receipt (GR), Stock Transfers, Reservations, Automatic Reorder Points, Safety Stock Levels |
| **System Integration** | EDI/IDOC Configurations, External System Integrations, SAP MM and PP Integration |
| **Procurement Optimization** | Vendor Evaluation, Quota Arrangements, Automatic Source Assignments, Release Strategies, Pricing Procedures |
| **Data Migration** | LSMW, BDC, Data Mapping, Data Transfer from Legacy Systems to SAP |
| **Testing & Support** | Unit Testing, Integration Testing, User Acceptance Testing (UAT), Post-Implementation Support, SAP Solution Manager |
| **Production Order Management** | Order Creation, Scheduling, Confirmations, Order Settlement, Material Requirement Planning (MRP) |
| **Quality Management** | Integration with SAP PP/MM for Inspection, Quality Control, Regulatory Compliance |
| **Workflows & Customization** | Custom ABAP Developments, Automation of Workflows, Custom Reports and Dashboards, System Enhancements |

# PROFESSIONAL EXPERIENCE:

**Client: EcoCart Retail Group, Chicago, IL May 2022 – Present**

**Role: SAP Consultant**

**Responsibilities:**

* Managed the end-to-end implementation of **SAP PP** and **PM** modules in an **S/4 HANA** environment, supporting business process transformation in an engineer-to-order manufacturing setup.
* Configured and optimized production planning processes, including production orders, material planning, and work scheduling to align with operational goals.
* Led integration efforts between **SAP PP, MM, SD**, and **WM** modules, ensuring seamless data flow across systems and optimizing the production cycle from planning to fulfillment.
* Collaborated with key stakeholders to define functional requirements and ensure alignment with business objectives in **SAP PP** and **PM** implementations.
* Designed and implemented preventive maintenance strategies, improving plant reliability and supporting continuous production without unscheduled downtime.
* Ensured successful data migration and synchronization between legacy systems and **SAP S/4 HANA**, maintaining data integrity across modules.
* Enhanced warehouse operations by designing custom picking and putaway strategies, improving cycle time and material handling processes.
* Managed shipment processes, including freight cost settlement and **PO/invoice** matching, ensuring accurate shipment cost tracking and reconciliation.
* Collaborated with the **SD** module team to improve order-to-cash processes, ensuring faster order processing and better customer satisfaction.
* Led the testing and rollout of **MRP** processes for procurement integration, ensuring smooth material flow and efficient procurement.
* Managed the integration of **SAP EWM** to enhance inventory management, streamline warehouse operations, and improve material handling efficiency.
* Worked closely with the project management team to ensure timely delivery of project milestones and successfully meet client deadline
* Conducted end-user training sessions for **SAP MM** and **PP** modules, enhancing system adoption and reducing support queries from business stakeholders.

**Environment:** SAP MM, SAP PP, vendor evaluation, quota arrangements, SAP standard reports, SAP Custom Reports, System Upgrades, Material Requirements Planning (MRP), BOM, LSMW, BDC, EDI, IDOC, UAT, GR, MRP parameters, Master Data, Material Master, SAP PP integration, production order life cycle, SAP Solution Manager, SAP Fiori, SAP GUI, SAP EWM, SAP SD, SAP WM.

**Client: PharmaVantage Logistics, Dallas, TX Apr 2020 – Feb 2022**

**Role: SAP PP/MM Consultant**

**Responsibilities:**

* Implemented **SAP PP** and **PM** modules as part of the transition to **S/4 HANA,** optimizing business operations in a large-scale manufacturing environment.
* Led the configuration of **SAP PP** to handle production orders, material requirements, and capacity planning, improving resource utilization and production efficiency.
* Managed the integration between **SAP PP, SD,** and **FI/CO** modules, enabling streamlined order-to-cash processes and accurate financial tracking.
* Streamlined inventory management through the configuration of consignment stock processes, improving material valuation and tracking.
* Designed custom picking and putawaystrategies within **SAP WM,** enhancing warehouse layout and reducing material handling time.
* Led the integration of **SAP WM** with shipment processes, automating **freight PO/invoice** matching for better accuracy in shipment cost settlement.
* Led the migration of master data and ensured data consistency between **SAP** and third-party systems across production and maintenance modules.
* Worked with cross-functional teams to develop and integrate custom reports, providing valuable insights into production and asset performance.
* Supported the deployment of **SAP Fiori** applications to enhance user experience and simplify access to production and maintenance information.
* Assisted in **user acceptance testing** **(UAT),** ensuring all configurations and enhancements met business requirements and aligned with SAP best practices.
* Provided ongoing functional support and troubleshooting, resolving critical issues related to **SAP PP** and **PM** functionalities.
* Actively contributed to change management efforts, promoting system adoption and ensuring smooth transition during go-live

**Environment:** SAP MM, SAP PP, Master Data, Material Master, Bill of Materials, Routing, MRP, SAP PP module, SAP PM module, SAP PP integration, UAT, production order life cycle, SAP Solution Manager, SAP Fiori, SAP GUI, SD, FI/CO, SAP WM.

**Client: AgriNova Organics, Hyderabad, India Mar 2018 – Apr 2020**

**Role: SAP PP/PM Consultant**

**Responsibilities:**

* Conducted comprehensive business requirement analysis and gap assessment to design **SAP MM** solutions tailored to meet client-specific procurement and material management needs**.**
* Configured organizational structures such as company codes, plants, storage locations, and purchasing organizations in **SAP MM** for streamlined operations.
* Designed and maintained master data, including **material master**, **vendor master**, purchasing info records, and source lists, to ensure accurate and efficient data management.
* Configured **SAP P**P for multiple industries, including discrete manufacturing, process manufacturing, and make-to-order environments, aligning production schedules with business goals.
* Managed the **SAP PP** module during system upgrades, ensuring minimal disruption by conducting thorough testing, data validation, and user training.
* Developed detailed reports and dashboards using **SAP** standard reporting tools to track production performance, material consumption, and overall plant efficiency.
* Provided technical support and troubleshooting for end-users in **SAP PP**, resolving issues related to production order processing, **BOM** management, and **MRP**.
* Configured **SAP MRP** types, lot sizes, and safety stock parameters to ensure that material availability matched production requirements and led to optimized stock levels.
* Worked closely with the **SAP Basis** team to troubleshoot performance issues related to **SAP PP** and **SAP MM** module configurations and provided recommendations for improvement.

**Environment:** SAP MM, SAP PP, SAP Standard Reporting Tools, SAP MRP, SAP Basis, SAP Data Migration, Material Master, Vendor Master, BOM Management, MRP, SAP Configuration, SAP Master Data, SAP S/4 HANA

**Client: FreshFoods Pvt Ltd, Bengaluru, India Jun 2017 – Feb 2018**

**Role: SAP MM Consultant**

**Responsibilities:**

* Configured and customized **SAP MM** modules to meet business requirements, including procurement, inventory management, and material planning.
* Validated system configurations through rigorous testing methods, including unit testing, integration testing, and user acceptance testing.
* Conducted data migration activities, including material master and vendor master data, using tools like **LSMW** and **BDC**.
* Monitored and maintained inventory levels by implementing automatic reorder points and safety stock levels.
* Implemented **SAP MM** enhancements and extensions through custom **ABAP** developments in collaboration with technical teams.
* Led the implementation of automatic material requirements planning (**MRP**) processes to optimize stock levels and reduce material shortages.
* Configured and optimized master data, including **material master, vendor master**, and purchasing information records, to improve accuracy and data consistency.
* Conducted training sessions and workshops for end-users, enabling efficient usage of the **SAP MM** module and ensuring adherence to best practices.
* Enhanced procurement efficiency by automating **purchase order** creation using **Material Requirements Planning** (**MRP)** and sourcing lists.

**Environment**: SAP MM, LSMW, BDC, ABAP, Material Requirements Planning (MRP).

EDUCATION: Bachelor of Engineering in Information Technology, Vasavi College of Engineering **[2014-2018]**