ANKUR SHARMA

Contact No. : +91 9953400714
E-Mail : sharmaankur2805@gmail.com
LinkedIn

PROFILE SUMMARY

- 7+ Years of Experience as an IT Professional in SAP MES solution implementation and AMS in manufacturing domain for international clients worldwide that comprises of analysis, design, development, implementation, and maintenance of implementations done with SAP ME & MII Applications integrated with ECC as an Enterprise system, leveraging SAP PCo for shopfloor systems integration and utilizing SAPUI5 as a front-end development technology.

- Work and execution experience primarily in the manufacturing domain with sound techno-functional knowledge and detailed understanding of industries like automotive, medical devices, packaging, etc.

- Working in Capgemini Engineering (part of Capgemini Technology Solutions India Pvt. Ltd) as **Manufacturing & Process Engineer.**

- Rich SAP domain experience in niche skills and technologies like **SAP ME, SAP ME SDK, SAP MII, SAP PCo, SAPUI5 and SAP DM for Execution.**

- Experience include end to end involvement in requirement gathering, solution implementation, post go-live production support, traditional bug-fixing and post-delivery enhancements in **SAP MII/ME projects** with consulting responsibilities that includes development, testing, troubleshooting, hyper-Care and Change Requirement/Problem Management, etc.

- Experienced in handling UAT and Hyper-care support **onsite in Agilent Technologies Pte Ltd. at the Singapore production facility with an understanding of Business's AS-IS processes at the Shop Floor level for laboratory medical devices manufacturing.**

- Worked on multiple asset-based solution offerings developed on-top of SAP ME, SAP MII & SAPUI5.

PERSONAL INFORMATION

Name	Ankur Sharma
Father Name	Mr. Ram Datt Sharma
Date of Birth	28th May 1994
Languages Known	Hindi, English
Marital Status	Unmarried
Present Work Location	Noida
Present Company	Capgemini Engineering (Part of Capgemini Technology Solutions)

EDUCATIONAL QUALIFICATIONS

Degree	Year	Board/University	Percentage/CGPA
B. Tech (Comp. Science & Engineering)	2016	SRM University	8.018 CGPA
Senior Secondary	2012	CBSE	81%
Secondary	2010	CBSE	9.2 CGPA

TECHNICAL SKILLS

Primary Skills	SAP ME, SAP MII, SAP DM for Execution, SAP ME SDK, SAPUI5, Adobe LiveCycle Designer
Languages/Technologies	HTML, CSS, JavaScript
Other Tools	HP ALM, Service Now, HP Support Now, Maximo
RDBMS	Oracle, MySQL
IDE	Oracle SQL Developer, Eclipse, MySQL Workbench, SAP NWDS
Web/Application Servers	Apache Tomcat

TRAINING/CERTIFICATION

Name	Organization
SAP ME (In-House Training)	Cognizant Technology Solutions (CTS)
SAP MII	SAP Learning Hub & In-house training in CTS
SAP DM for Execution	SAP Learning Hub
UI Development with SAPUI5	SAP Learning Hub
Microsoft Certified Azure Fundamentals	Microsoft Corporation
AWS Certified Cloud Practitioner	Amazon Web Services (AWS)
IBM Certified Cloud Advocate v1	IBM

WORK EXPERIENCE

Organization	Location	Role	From	To
Capgemini Engineering	Noida	Manufacturing Process Engineer	Feb 2022	Till Date
IBM India Pvt. Ltd	Pune	SAP MES Package Consultant	December 2019	January 2022
Cognizant Technology Solutions India Pvt. Ltd.	Singapore	SAP MES Consultant	1. July 2019 2. Feb 2019	1. Aug 2019 2. Mar 2019
Cognizant Technology Solutions India Pvt. Ltd.	Pune	Programmer Analyst	July 2017	December 2019

Amcor Flexibles – Polaris MES Global Template Rollouts

Tools	SAP ECC 6.0, SAP MII 15.5, SAPUI5, SAP PCo, SQL Developer, Adobe Livecycle Designer
Team Size	40
Role	1. MES Production Management Lead 2. SAP MII Techno-Functional Consultant
Duration	February 2022 – February 2024

Project Description:

This project was about the rollout and implementation of a Global MES template viz. Polaris for Amcor Flexibles which is a leader in the Packaging industry worldwide. The template is a custom SAP MII based MES solution integrated with SAP ECC, that needed to be deployed across all the European plants of the customer to migrate them from their respective legacy systems in the current scenario. Thus, standardize and optimize the enterprise and shopfloor IT systems used.

Roles and Responsibilities:

- The role was more towards the **functional** side rather than technical as the customer had a technical team of developers of their own.
- Rollouts were being done in multiple plants through different Waves getting implemented parallelly.
- Understand the global template and then assess the current legacy solution deployed in a plant followed by different kinds of workshops deliveries like **Template Fitment Analysis (TFA)** and **Local Design Adoption (LDA)** to identify the gaps between AS-IS and TO-BE solutions.
- Build activities were needed to be performed via some new developments for the identified gaps and deviations in the AS-IS and TO-BE solutions.
- I also had the responsibility of leading the Label designing and creation for the client using **Adobe LiveCycle Designer**.
- **Deliver trainings** of the Amcor Polaris MES solution to the Plant Key Users and End Users and thereby establishing a "Train-the-Trainer" model where the bespoke users will train other users and so on.
- Trainings are then followed by the System Integration Testing (**SIT**) by the Employee and User Acceptance Testing (**UAT**) by the Key Users from Plant.
- The build topics are finalized, and then the completion of cut-over tasks was then followed by the **Go-Live**.
- Each live plant was supported for a period of 2 months or till it's stabilized (whichever is earlier) as part of the **Hyper-care support.**

ALSTOM Transportation MES Implementation & AMS

Tools	SAP ECC 6.0, SAP ME 15.2, SAP MII 15.2, SAPUI5, SAP PCo, Maximo
Team Size	6
Role	SAP MES Package Consultant
Duration	December 2019 – January 2022

Project Description:

MES implementation for manufacturing Railway coaches specifically for Germany and Canada regions leveraging SAP ME, SAP MII and SAPUI5. The aim of the Project was to go-live with MES Package solution to enhance their Production execution process on the Shop Floor to increase the level of digitization and achieve real time information to help business to take timely decision to achiever operational excellence.

Roles and Responsibilities:

- Worked on integrating the SAP ECC 4.7 system with SAP ME 15.2 using the SAP MEINT sub-component of SAP MII.

- Developed the auto-processing logic for failed MEINT messages to prevent the manual labor and effort.

- Integrated multiple ECC Servers with different versions (ECC4.7 & ECC 6.0) to a single MES application server for a multiple plant MES roll-out.

- Developed an automated MEINT Message failure tracking tool that enables real time tracking of message failures and serves the functionality of notifying the affected users along with an Error Tracker with detailed analysis of the errors that occurred.

- Developed a Custom Report for the process visibility and transparency on the Shop Floor from the perspective of completion status, assembly status and Non-Conformance status.

- Worked on incident management on Service Now as part of the AMS contract with the Client that involved the delivery of change requests (enhancements) with usual bug-fixing and some complementary value-add as well.

- Developed various Query templates, MII BLS based on client requirements for certain business logics.

- Worked on the SAP ME Version Patch upgrades and its related FUT and UAT and end-to-end solution testing.

- Worked on introducing the support for Localization on custom dashboards and custom messages on standard SAP ME PODs.

Connected Plant Industry 4.0 Solution

Tools	SAP ECC 6.0, SAP ME 15.4, SAP MII 15.4, SAPUI5
Team Size	20
Role	SAP ME/MII Senior Developer
Duration	May 2020 – January 2022

Project Description:

The project's aim was to provide global clients SAP ME's functionalities in a much more advanced and improved manner in such a way that it supports the current exponential technologies and shaping the solution in such a way that it offers SAP DMC like features as well without the need to buy an SAP DMC license.

Roles and Responsibilities:

- Developed a custom dashboard to manage Production Orders.

- Worked on a custom dashboard to create KITs (group) of sub-assemblies for one-time assembly into a corresponding Final Assembly.

- Worked on a custom Dashboard to create an SAP DMC like Resource Orchestration screen with additional functionalities that are not offered in SAP DMC e.g., User certification support at the most granular level.

- Worked on Custom SAP ME PODs to offer additional functionalities than SAP ME standard POD.

Bombardier Transportation MES Implementation

Tools	SAP ECC 4.7, SAP ME 15.2, SAP MII 15.2, SAPUI5, SAP PCo
Team Size	6
Role	SAP MES Package Consultant
Duration	December 2019 – January 2022

Project Description:

MES implementation for manufacturing Railway coaches specifically for Germany and Canada regions leveraging SAP ME, SAP MII and SAPUI5. The aim of the Project was to go-live with MES Package solution to enhance their Production execution process on the Shop Floor to increase the level of digitization and achieve real time information to help business to take timely decision to achiever operational excellence.

Roles and Responsibilities:

- Worked on integrating the SAP ECC 4.7 system with SAP ME 15.2 using the SAP MEINT sub-component of SAP MII.

- Developed the auto-processing logic for failed MEINT messages to prevent the manual labor and effort.

- Customized various SAP MEINT workflows like LOIPRO01, LOIWCS01 to accommodate the functionalities of ECC 6.0 in ECC 4.7.

- Coordinating with multiple teams to fix critical production issues.

- Performed Go-Live activities and provided Hyper Care Support.

- Worked on Change requests, RFCs, maintenance requests and incident monitoring.

- Developed multiple custom production reports to fasten and improve the business decision making process.

- Worked on creating the Scope Of Work (SOW) documents for several new requirements and their corresponding Functional Design Document (FD) and Technical Design Document (TD) and implementing the same in SAP ME/MII.

MES Implementation for Agilent Technologies – Singapore

Tools	SAP ECC 6.0, SAP ME 15.1, SAP MII 15.1, SAP NWDS 7.4, SAP PCo
Team Size	11
Role	SAP MII/ME Developer, SAP MES Consultant
Duration	June 2016 - December 2019

Project Description:

The aim of this project was to implement MES for the manufacturing of laboratory instruments for medical purposes viz. Vial Sampler (VS) and Variable Wavelength Detector (VWD), small pumps etc. leveraging SAP ME/SAP MII and creating customized reports using SAP MII and SAPUI5.

Roles and Responsibilities:

- Developed Master Data Configuration Tool which utilizes a planned Master Data Configuration maintained in an Excel workbook provided by the customer and automatically feeds the data into SAP ME. Hence, eliminating the overhead of doing the configurations manually.
- Developed and configured a JAVA based custom action block in SAP MII to convert the data present in an excel workbook to XML which ultimately gets consumed in the Master Data Upload Tool BLS transaction as an input to automate the configurations.
- Worked on XSLT Transformation on Incoming IDOCs for the inclusion of custom data fields into the IDOCs and mapping of the same into SAP ME.
- Complete Master Data Configuration utilizing standard production and maintenance activities like material maintenance, BOM maintenance, resource maintenance, operation maintenance, next number maintenance etc.
- **Performed Go-Live activities and provided Hyper Care Support at the Client Location. (Production Facility in Singapore)**
- Extended the standard hook point activities for business solution implementation for various requirements.
- Developed custom Production Operator Dashboards (PODs) on top of standard templates based on specific customer requirements.
- Developed custom Activity Hooks as per the requirements and extending the same at different hook points like PRE_COMPLETE, POST_COMPLETE, PRE_START, etc.
- Developed a POD Plugin (Non-UI) to execute a MII Transaction on click of a button on POD with a custom XML.
- Developed Custom System Rules and custom activities as a supporting development for other custom development by utilizing the Initial Data Reload functionality in SAP ME.
- Extended the standard API methods to work in a custom way through service extensions i.e., extending the standard Service Methods or creating custom methods in Standard ME services.

AMS for Agilent Technologies Germany

Tools	SAP ECC 6.0, SAP ME 15.1, SAP MII 15.1, SAP NWDS 7.4, SAP PCo
Team Size	5
Role	SAP MII/ME Developer
Duration	December 2016 - December 2019

Project Description:

The aim of the project was to provide the production support for Agilent Technologies, where DNA/RNA analyzing Screen tapes were manufactured leveraging SAP ME, SAP MII, SAP PCo, SAP ME SDK. The project uses a 3-Tier architecture of SAP using the SAP ECC-SAP MII-SAP ME. Therefore, creating a real-time connection between the higher management and shop floor.

Roles and Responsibilities:

- Worked on data replication from SAP ECC to SAP ME using the SAP MEINT component by means of custom MEINT workflows and MEINT workflow enhancements.

- Incident management as part of the production support.

- AS-IS process understanding and proposal of the TO-BE solution for further MES Rollouts of additional instruments of the same production Line.

- Master Data preparation, validation, and configuration in SAP ME as per the requirements.

- End-to-end solution testing, bug fixing, performance tuning and review.

- Implementation of ADS (Adobe Document Service) printing for the printing of all the labels, documents, and traveler across the whole production facility.

- The Printing architecture involved the inclusion of a CUPS (Common UNIX Printing System) server which takes the print jobs from SAP ME and then forwards them to a Windows server where all the Printers of the production facility are configured.

- The Printing architecture utilizes the SAPSprint service for the processing of a PDF document as a print Job.

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge, and I bear the responsibility for the correctness of the above-mentioned particulars.

Ghaziabad   **Ankur Sharma**