



PROFILE SUMMARY

- ✓ **Immediate Joiner**
- ✓ 8+ years as Digital Manufacturing Engineer, MES Consultant
- ✓ Discrete and Process manufacturing
- ✓ MES Implementation
- ✓ Manufacturing Process Planning
- ✓ Digital Manufacturing Technology Consultant
- ✓ Digital Transformer
- ✓ Change Enabler
- ✓ Global Trainer
- ✓ Passionate about Industrial & Manufacturing Engineering, MES & Digitalization

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PREVIOUS EMPLOYMENTS

Industrial Engineer at Bharat Bijlee Ltd (Aug 2017–Jul 2019)

To laydown manufacturing processes for induction motors, power transformers, electric drives, etc. with maximum efficiency along with most effective utilization of company resources like Man, Machine, Material, Method.

GET at HOERBIGER India Pvt. Ltd. (Nov 2016–July 2017) Industrial Engineer

Primary responsibility was to set up manufacturing processes for Auto parts in MES.

SAURABH PATIL

Digital Solutions Consultant- MES

Dynamic and detail-oriented MES Consultant with a strong focus on optimizing manufacturing operations through the implementation of Manufacturing Execution Systems. Experienced in requirement gathering, solution design, system configuration, user training, post-deployment support & pre-sales demos. Adept at translating complex manufacturing workflows into digital solutions that enhance traceability, productivity, and real-time visibility.

EMPLOYMENT AND JOB RESPONSIBILITIES

Tietoevry India Private Ltd (Dec-2022 to present)

Digital Solutions Consultant- MES

Role: Work as a functional consultant, enabling organizations to streamline their manufacturing processes through successful implementation of Tieto's MES suite- TIPS.

Responsibilities:

- Lead and support implementation of Tieto's MES software suite (TIPS) for customers across the world in Paper, pulp and fibre industry
- Provide functional expertise on multiple modules of Tieto's MES suite
- **Requirement Analysis**- conduct a series of workshops with customers to gather all the relevant information from factory and shop floor
- **Fit-Gap Analysis**- analyze customer requirements, identify gaps from the current MES; document Change Requests & facilitate development
- **Custom Development**- co-ordinate with the development team to design the solution for required customizations; attend product scrum meetings and align for implementing hotfixes, patches.
- **MES Configuration**- complete setup of MES suite and configure the master data. Create meaningful transactional data and provide demos to the customers. Utilize data migration and data loading tools to set-up data in new MES environments
- **System Integration**- Closely work with ERP/SAP teams to establish technical integration of MES with an ERP and vice-versa
- **Testing**- Conduct workshops and perform rigorous testing (SIT & UAT); identify functional and integration related bugs and provide resolution.
- **Training**- Provide training to global and plant key users by conducting on-site workshops. Prepare detailed documentation and provide hands-on experience to key users.
- **Implementation/Go Live**- Support data load and migration activities on the go-live environment. Achieve successful implementation and provide immediate support for critical issues reported by customers. Enable customers to run daily business on new MES systems. Provide hyper-care support after Go-Live.
- **Pre-Sales Support**- provide active support in pursuing potential customers by conducting product demos.
- Support **RFP/RFQ Processes** by contributing to solution design, drafting functional responses, aligning MES capabilities with customer requirement and efforts estimation for MES Implementation.
- Global travel to meet customers, Product demos, gather requirements, process validation, workshops, and training etc.

CURRENT LEARNING ASSIGNMENTS

SQL
Database jobs

CAREER ASPIRATION

Aspiring to contribute meaningfully to the digital transformation of manufacturing industries by leveraging my knowledge of manufacturing processes and MES domain. I aim to work and excel in a leading company where I can deliver end-to-end functional consulting.

John Deere India Private Ltd (Aug-2019 to Dec-2022) Senior Digital Manufacturing Engineer

Role:

Work as a manufacturing processes and digitalization expert, collaborate with factories to implement JD's cutting-edge MES that enhance operational efficiency and product tracking.

Responsibilities:

- Design and maintain factory MES, provide support on daily issues.
- Multiple domestic and international assignments for MES design and implementation
- Create and implement Manufacturing Processes, develop work standards, Sequence of Events, Operator method sheets and establish best methods of manufacturing in the MES software.
- Perform detailed manufacturing process design using MPP and lead virtual validation of MES for final product assembly.
- Lead manufacturing readiness activities and conduct successful build of products from VB to SOP.
- Design and develop assembly processes, handover to production (SOP) after successful virtual (VB) and physical builds (DB, LPB).
- Apply Lean manufacturing principles and reduce waste (5S, VSM, Poka-Yoke, Layout Design, Line Balancing, SMED)
- Support Continuous Improvement culture and achieve CI cost saving

Achievements:

- Successfully completed the digital transformation of 3 production lines (Engine, Transmission & Vehicle assembly) at JD's Pune factory by implementing JDAAT and MPPlanner- JD's proprietary MES suite.
- Multiple successful implementations in JD's factory in USA
- Trained and Developed people on the new production systems
- Identified and led high-impact process improvement projects by analyzing MES generated data to uncover and resolve inefficiencies

SKILLS ACQUIRED

Engineering: MES, Industrial and Manufacturing Engineering, Manufacturing Processes, Digitalization, Change Management, Process Standardization

Soft Skills: Collaboration, Communication, Project Management, Consulting, Agile, Business Travel.

EDUCATION

Bachelor of Engineering, Mechanical
2016, University of Pune.