

Suvarna Rajendra Patil

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Dedicated and organized Engineer equipped with 4 years of experience in Product Data Management, Engineering Change Management, Product Lifecycle Management, Master Data Management, BOM Management in PLM and ERP system. Proficient in leading continuous improvement initiatives and applying Lean Six Sigma methodologies to drive process excellence. Known for a strong ability to quickly learn new systems, streamline processes, reduce cycle times, and maintain a "Can-Do" attitude that fosters collaboration and results.

Work Experience:

Engineer (Manufacturing Product Data Management)

Flextronics Technologies India Pvt. Ltd. Pune (Nov 2020 to till date)

NPI/Scrubbing BOM/Data Management/Quality Check/Item update in BAAN

Client: Dyson, Nike, Rebel, Follicle, Volcano, GN Netcom, GHD, Electrolux, Hewelett Packyard, Cisco, INTEL

- Responsible for handling Product Lifecycle Management(PLM), continuous improvement, BOM Scrubbing, FFF Alternate Suggestion
- Alternate Part selection for EOL Parts by comparing various technical specifications and validation of components based on Form Fit Function (FFF) and Preferred Supplier List(PSL)
- Preparation of New Product Introduction(NPI), scrubbing the BOM and analyzing the change(Engineering Change Order/Manufacturing Change Order) which include various assemblies and uploading the change in ERP (Production Server) BAAN 5 with PLM Tool Agile(Oracle Tool)
- Doing UAT for Projects (SGA/IKW) implemented for Process standardization
- Quality check before final submission of product in ERP tool
- Stay up to date with ROHS and REACH Compliance requirements and ensure manufacturing process align with ISO Certifications
- All processes adhere to IPC standards for PCB assembly and soldering
- Logistics co-ordination and inventory control
- Box build and SMT(PCBA) Components specification identification
- Maintaining supplier details in ERP, managing strong relationship with component supplier and EMS providers

- Updating various details(Rev, warehouse, quantity, phantom), Manufacturer Part Number, Manufacturer, AML part status, substitute items
- Analyses and evaluates the methods for standardization of process by using macro and other automation tool EWI and PDP
- Analyze customer complaints and provide solutions in time
- Trained new joiners, existing employees, intercity members and site members(China) on relevant tools or topics and process
- Checking the process and scheme definitions; when required assist in the creation of Statements of Work(SOW)
- Creating and maintaining DFMEA, PFMEA,Control Plan, Control Matrix, Time Study
- Documenting all the PLM Activities, updating SOP, SOW, QCL
- Master Data set up in agile as well as BAAN
- Handled escalations, conducted root cause analysis, and implemented corrective and preventive actions (CAPA) to address issues at various sites.
- Automating the process, brainstorming to identifying the non value-added steps in the process and finding solutions to eliminate it, reducing manual task and increasing quality output
- Successfully identified and completed 10+ continuous improvement projects, streamlining PLM processes, reducing manual tasks, and enhancing overall quality and efficiency.
- Played a key role in automating and standardizing processes, leading to significant time and cost savings.
- Cost item Creation, DTS maintain and cancellation, Work Center and Routing maintenance, Warehouse update , inventory unit management, MSS maintain for item in BAAN, Sales data maintain and mapping for project in BAAN ERP
- Coordination with warehousing data(Outbound priority), Cost item data, Purchase item, Ordering item, Planning Data (Warehouse) session during item group set up

IKW/SGA Project

1) Masterlist updation for Dyson Customer through RPA BOT-

Project Overview:

To automate the bulk BOM entry process after ECO released in Agile, reducing manual errors, improving accuracy, and saving time

Process Analysis: Identified inefficiencies through Pareto analysis, Value Stream Mapping (VSM), Time Study, and Fishbone diagrams.

Solution Development: Implemented an automation solution to eliminate manual updates to the BOM Masterlist.

User Acceptance Testing (UAT): Conducted UAT to ensure the solution met business needs and was error-free.

The project resulted in reduced manual errors, increased efficiency, and improved accuracy in BOM updates.

2) Enhancement in RPA Scrubbing BOT-

Project Overview:

To automate the manual updating of site standard input templates, which lacked standardized rules and were prone to errors. By implementing an RPA bot, the process was automated to eliminate manual intervention, reduce errors, and save time.

Process Analysis: Used Pareto, VSM, Time Study, Fishbone diagram, and 5 Why analysis to identify inefficiencies and root causes.

Automation: Developed and implemented an RPA bot to standardize and automate the template update

User Acceptance Testing (UAT): Conducted UAT to ensure the solution met business needs and was error-free.

Technical/Soft Skills:

- Agile PLM, EWI tool
- BAAN ERP 5
- Basics of SAP
- Ms Office- Expertise in Excel, Powerpoint and Word
- Helping nature, dedication to work
- Leadership
- Quick Learner
- Result Oriented

Academic Details:

Course	Board/University	Year	Percentage
B.E (E&TC)	K.B.C.N.M.U. Jalgaon	2019	80.50
Diploma	MSBTE, Mumbai	2016	83.65
SSC	Nasik	2013	90.40

Extra-curricular Activities:

- Attended one day workshop on "MOBILE SPYBOT" at S.G.D.C.O.E. Jalgaon
- Completed training on "PYTHON" at SSBT's COET, Bambhori, Jalgaon
- Attended two days workshop on "Technical Course on PCB design with Hands- On" at SSBT's COET, Bambhori, Jalgaon

Awards/ Achievements:

- Pat on Back Award at Flextronics Technologies, India Q3 FY21 for excellent performance
- Team Award at Flextronics Technologies, India Q2 FY22 for outstanding performance, honored for exceptional teamwork, supporting colleagues during peak workloads, and maintaining On-Time Delivery (OTD) and

accuracy.

- Promoted from Junior Engineer to Engineer with 3 years for excellent performance
- Received recognition for providing urgent input support when required from Site and Manager
- Awarded with Academic Excellence award for pursuing outstanding marks
- Awarded with Certificate for the participation in University level Project Exhibition "Shodhaprakalpa Pratiyogita 2019"
- Awarded with Certificate for the participation in "Milestone2K19" a National level Paper Presentation

Personal Details:

- Date of Birth: 03/01/1998
- Marital Status: Single
- Nationality: Indian
- Languages known: English, Hindi, Marathi
- Hobbies: Passionate about acquiring new knowledge and skills, Enjoy creative activities and hands-on projects, finds fulfillment in sharing knowledge and mentoring young minds, Organizing and participating in engagement activities

Declaration:

I hereby declare that the above written information is true to the best of my Knowledge and belief.

Place:

Suvarna Patil