Manoj Kumar. T

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Summary:

I bring over 1 year of experience as a Product Data Management Engineer with a proven track record of enhancing products and services. My expertise includes BOM preparation and analysis, project management, and a strong commitment to customer service. I excel in adapting quickly to change and have a demonstrated ability to increase productivity and quality, achieving a remarkable improvement across all projects.

Experience:

Technician-GBS Engineering, FLEXTRONICS TECHNOLOGIES INDIA PVT LTD.   2020—2022
Chennai

- Responsible for Creating parts, Documents, Bill of Materials (BOM) both for NPI (New Product Introduction) and Sustaining Products.
- Creating Engineering change orders (ECO) and Requests for Action (RFA) in Oracle Agile PLM.
- BOM Structuring, managed product databases in Agile PLM and Dealing with BAAN ERP.
- Responsible for creating and maintaining audit documents like SOP, Control plan, and FMEA.
- Modifying Change Orders for Life Cycle status, AML Details, suggesting an Alternate or Manufacturing Part Number (MPN), Adding and removing BOM changes using Oracle Agile PLM.

Trainee, SANSERA ENGINEERING LIMITED.   2020-2020
Bangalore

- Monitoring and operating machines in a manufacturing setting.
- Documented all maintenance and repairs performed on equipment.
- Troubleshooting the malfunctions and completing the required repairs to keep equipment fully functional and well-maintained.
- Maintaining machine documents like Control plan, machine diagram, and Part datasheets.

Education:

B.Tech in Information Technology (pursuing)   2022-2025
Dr.M.G.R. Educational and Research Institute
Chennai, Tamil Nadu

Diploma in Mechatronics – 78%   2017-2020
NTTF - Nettur Technical Training Foundation
Bangalore, Karnataka

HSC in Computer science - 65%
Gandhinagar Matriculation Higher Secondary School   2015-2017
Tiruvannamalai, Tamil Nadu

Credentials:

Harvard CS50's Understanding Technology	**Jul-2023**
Google IT Support Specialization	**Feb-2022**

National Skill Development Corporation

Mine Electrician	**Jan-2019**
Manual Soldering Technician	**Nov-2019**
Automation Specialist	**Dec-2020**

Seven Steps Business Transformation Systems

Applied 5S Workshop	**Oct -2018**

Projects:

Robotic Rover

- The project is designed to develop a Robotic Rover vehicle with a soft holding gripper.
- It can be used to pick and place an object and sense whether the object is metallic or non-metallic.
- It can also detect the temperature, Humidity level, and Air quality.

Mini NAS (Network Attached System)

- Allows you to share files from one, always-on device throughout your house.
- With a NAS on your network, you can use it to store your media
- Used as a backup for PC and other systems and also use it as a BitTorrent that seeds your files 24/7.

Weather Station using Raspberry pi

- This project is designed to monitor the weather conditions.
- Provide multiple weather reports like Temperature, Humidity, and Wind speed.

Technical Skills:

- Design software: AutoCAD, Autodesk FUSION 360.
- Simulation software: SIEMENS TIA PORTAL V13, Proteus, Mastercam.
- Operating system: Microsoft Windows, Linux Ubuntu, Android (Stock, Custom ROM)
- Application Software: Office, Excel, Word, PowerPoint, Power Automate, Baan ERP, Agile PLM
- Programming Language: Python (Basics), Ladder Logic (PLC)
- Soft Skills: Adaptability, Project management, Time management, Root cause analysis, Photography.

Volunteering:

National social service (NSS)
NSS Volunteer

Bangalore Kidney Foundation
Volunteer Staff

Aravind Eye Care System
Student Volunteer