REZA MOHAMMADI

Technical Production Manager

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Results-driven Supply Chain Process Owner and Technical Production Manager with an extensive electronics engineering background and over 6 years of progressive experience in manufacturing, quality assurance, process optimization, and supply chain management. Demonstrated success in enhancing operational efficiency, driving cost-saving initiatives, and improving product quality through lean manufacturing, data-driven decision-making, and cross-functional leadership. Proven ability to improve production output, optimize resource management, and streamline supply chain processes to ensure timely and cost-effective delivery. Adept at solving complex operational challenges, implementing digital tools, and fostering a culture of continuous improvement and innovation.

Key Strengths

- Electronics Manufacturing & Design
- Quality Assurance & ISO Compliance
- System-Thinking
- Networking & Communication
- Lean Manufacturing & Continuous Improvement
- Performance Metrics & KPI Monitoring
- Production Planning & Scheduling
- Root Cause Analysis & Problem Solving
- Team Leadership & Development
- Electronics Design & Embedded Systems Expertise
- Hardware Design & Development

Work Experience

Dolphin Spadana (Fleet management solutions company), Isfahan, Iran

❖ **Supply Chain Process Owner**   Mar.2025 –Present

Currently responsible for coordinating and managing the entire supply chain process, including procurement, warehousing, logistics, and supplier relationships.

- Streamline procurement processes, reduce lead times, and optimize supplier performance.
- Improve warehouse management using lean principles to reduce costs and increase efficiency.
- Introduce digital tools (Kanban, dashboards) to enhance supply chain visibility and monitoring.
- Lead continuous improvement initiatives across the supply chain to ensure cost-effectiveness and timely delivery.

❖ **Technical Production Manager**   Sep.2023 –Present

Working as Production Manager in a unit overseeing production, maintenance, and quality control.

- Increased production output by 100% through process improvements.
- Achieved cost savings in human resources and repair warranty.
- Implemented Kanban and project management tools to enhance productivity.
- Integrated lean systems and agile principles to improve efficiency.
- Led quality control and collaborated with cross-functional teams to ensure timely delivery.

❖ **Research and Development Specialist**   July.2023 –Sep.2023

Worked as an R&D Specialist focused on embedded devices and innovative solutions for FMS.

- Research asset tracking within fleet management systems.
- Research GPS tracking devices and their challenges.
- Design solutions for easily installed devices in fleet management systems.

Amvaj Negar Sepahan (Medical device manufacturer), Isfahan, Iran

❖ Embedded System Engineer   July.2019 –Jan.2023

Worked as R&D specialist on embedded medical device development and managed projects for +3 years.
- Developed 3 embedded medical devices based on ARM microcontroller.
- Improved PCB design compliance with EMC standards in products.
- Diagnosed and Troubleshoot errors and bugs on old-version products.
- Tested and assembled hardware
- Played an important role in obtaining the CE certificate

Skills

Software & Tools: Altium Designer, MATLAB, Excel, ChatGPT
Manufacturing: SMT, PCB Assembly, Testing & Troubleshooting, Equipment Calibration
Quality Tools: ISO 9001:2015, CE
Programming: C, C++
Personal Characteristic: Process-driven, analytical thinker, passionate learner, detail-oriented, problem-solving ability, proactive, self-study, adaptable, high level of motivation and research skills.

Education

DBA (Doctor of Business Administration)
Borhan Business School   Jul.2024 – Present

M.Sc. Electrical Engineering – Electronics
University of Kashan   Sept.2016 – June.2019
- GPA: 17.55 / 20

B.Sc. Electrical Engineering – Power
Islamic Azad University of Najafabad   Sept.2011 – Sept.2015
- GPA: 17.82 / 20

Language

Persian – Native
English – Full professional proficiency
Germany – Elementary proficiency