

REZA MOHAMMADI

Technical Production Manager

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📍 Esfahan, Iran



As a Technical Production Manager with an Electronics Engineering background, I focus on quality assurance, process standardization, and operational efficiency. I leverage Lean principles to optimize workflows, enhance productivity, and ensure high-quality output. Problem solving is a key aspect of my approach, allowing me to address challenges and continuously improve processes. Using advanced scheduling systems, I drive timely project delivery and resource management while fostering a collaborative team culture to achieve operational excellence.

Key Strengths

- Electronics Manufacturing & Design
- Quality Assurance & ISO Compliance
- 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

❖ Technical Production Manager

Sep.2023 –Present

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

- Improvement of production unit processes.
- Increase production efficiency to 98% within a one-year period
- Implementation of product quality control processes.
- Design and implement task and project management tools in the production unit, such as Kanban.
- Implement data-driven product repair processes in the maintenance unit.
- Utilize lean manufacturing and agile production principles.
- Design and develop hardware to enhance production speed.
- Integrate and optimize production processes for multiple products, enabling efficient outsourcing and scalable, flexible manufacturing.

❖ 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