

Sai Phani Teja Kuchibhotla

Prosper, TX | [linkedin.com/in/saiphanitejakuchibhotla/](https://www.linkedin.com/in/saiphanitejakuchibhotla/) | (862) 872-0479 | saiphaniteja2000@gmail.com

SUMMARY

Quality Engineer with a strong background in continuous improvement and a proven ability to enhance product design through effective problem-solving strategies. Proficient in utilizing ISO standards and equipped with verbal communication and written reporting skills to meet goals and responsibilities in high-pressure environments.

PROFESSIONAL EXPERIENCE

Associate Supplier Quality Engineer

01/2024 – Present

MICRO

Somerset, NJ

- Accomplished a 30% reduction in product line disruptions by monitoring and reporting key quality metrics, executing root cause analysis, and implementing countermeasure actions for process defects, including customer complaints.
- Improved quality performance by 25% through leading PFMEA activities, ensuring the application of Process Control Plans and actively participating in continuous improvement initiatives such as 5S, Kaizen, and Six Sigma projects.
- Achieved a 35% increase in efficiency by streamlining quality control processes through data analysis, diagramming, developing and implementing standardized inspection methods, and disposition documentation practices.
- Achieved 100% compliance with ISO 9000 standards by assisting in maintaining and improving the quality management system, conducting internal audits, and resolving compliance issues identified during audits.
- Reduced product defects by 18% by driving continuous review and analysis of scrap, rework, and warranty data, leading initiatives for product and process capability improvements in assigned areas.
- Conducted comprehensive Failure Analysis and developed a Risk Management Plan for the Product Life Cycle through extensive hypothesis testing.
- Involved in post-market surveillance to ensure ongoing compliance with FDA regulations, maintaining high standards in Quality Assurance across processes.
- Demonstrated strong interpersonal communication skills and effective scheduling techniques to address problems efficiently, emphasizing problem-solving and accountability throughout the project lifecycle.
- Emphasized ensuring equipment meets international testing standards, conducting visual inspection, and providing a global perspective in quality engineering efforts.
- Worked with cross-functional teams in NPD (New Product Development) initiatives, applying Quality Engineering principles to enhance innovation and product performance while maintaining product specification.
- Enhanced supportability strategies across product lines through comprehensive validation and compliance methods with performance metric evaluations.
- Collaborated with cross-functional teams to analyze production processes, leading to quality improvements that decreased scrap rate by 30% while strictly adhering to standards-based regulations and procedures.

SKILLS

- **Quality Processes:** First Article Inspection (FAI), PPAP, APQP, CAPA, SCAR, FMEA, GD&T, ISO 9001
- **Supplier Management:** Supplier Qualifications, Supplier Development, Capacity Studies, Customer Requirements
- **Statistical Analysis:** Statistical Process Control (SPC), Sampling Inspection, Data Mining & Analysis
- **Process Development:** Process Improvement, Component Development, Product Quality, Safety-Critical Part Management
- **Software:** Minitab, ARENA, MS Office Suite, Python, CAD Tools
- **Soft Skills:** Planning & Organization, Communication & Coordination, Leadership & Guidance, Root Cause Analysis, Project Management

EDUCATION

Master of Science (MS) in Industrial Engineering (Specialization in Supply Chain)

09/2022 –

05/2024 New Jersey Institute of Technology (GPA - 3.78/4.00)

Newark, NJ

Coursework: Supply Chain Management, Quality Management Systems, Operation Research, Design for Manufacturability, Advanced Manufacturing Processes, Advanced Data Analytics for Supply Chain

Bachelor of Technology (B.Tech) in Mechanical Engineering

07/2017 – 07/2021

Prasad V Potluri Siddhartha Institute of Technology

Vijayawada, India

CERTIFICATES

- Supply Chain Engineering – New Jersey Institute of Technology
- GE Aerospace Supply Chain Job Simulation Virtual Experience Program on Forage
- Six Sigma: Green Belt – Project Management Institute on LinkedIn