



# MICHAEL ANDERSON

## MANUFACTURING OPERATIONS ENGINEER

### PROFILE

Dedicated Manufacturing Operations Engineer with over 5 years of experience in the electronics industry, focusing on process optimization and quality assurance. Experienced in the implementation of automation solutions that enhance production throughput and reduce operational costs. Strong background in troubleshooting equipment malfunctions and providing technical support to manufacturing teams. Proficient in using statistical process control (SPC) to monitor production quality and ensure compliance with industry standards.

### EXPERIENCE

#### MANUFACTURING OPERATIONS ENGINEER

##### Techtron Electronics

2016 - Present

- Implemented automated assembly processes that increased production speed by 30%.
- Conducted regular quality audits, achieving a 98% compliance rate with industry standards.
- Collaborated with R&D to transition new products into production smoothly.
- Utilized SPC tools to identify process variations and improve quality control measures.
- Trained staff on new equipment, resulting in a 25% decrease in setup times.
- Participated in cross-departmental teams to enhance product design for manufacturability.

#### QUALITY ASSURANCE ENGINEER

##### Smart Devices Inc.

2014 - 2016

- Developed and executed comprehensive testing protocols for electronic components.
- Identified root causes of defects and implemented corrective actions, reducing error rates by 15%.
- Collaborated with engineering teams to optimize designs for mass production.
- Conducted training sessions on quality standards for production staff.
- Maintained documentation for compliance audits, ensuring readiness at all times.
- Assisted in the development of new quality metrics to align with corporate objectives.

### CONTACT

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### SKILLS

- Process Optimization
- Quality Assurance
- Automation
- SPC
- Technical Support
- Team Collaboration

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING, GEORGIA INSTITUTE OF TECHNOLOGY, 2016

### ACHIEVEMENTS

- Reduced production errors by 40% through the implementation of a new quality control system.
- Led a project that improved overall equipment effectiveness (OEE) by 15%.
- Recognized for exceptional team leadership during the launch of a new product line.