



# MICHAEL ANDERSON

## LEAD INSTRUMENTATION ENGINEER

### CONTACT

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### SKILLS

- Automation Systems
- Quality Assurance
- Process Engineering
- Data Analysis
- Team Leadership
- Regulatory Compliance

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, 2012

### ACHIEVEMENTS

- Improved production efficiency by 20% through system automation.
- Received recognition for excellence in project management in 2019.
- Contributed to successful FDA inspections with zero findings for two consecutive years.

### PROFILE

Results-driven Instrumentation Engineer with over 10 years of experience in the pharmaceutical industry. Specialized in the design and implementation of automated systems that ensure precise control and monitoring of manufacturing processes. Strong focus on adhering to FDA regulations and quality assurance protocols. Known for leveraging advanced technology and innovative solutions to improve process efficiency and product quality.

### EXPERIENCE

#### LEAD INSTRUMENTATION ENGINEER

##### PharmaTech Corp.

2016 - Present

- Led the design and commissioning of a new automated control system for a biopharmaceutical facility.
- Oversaw a team of 7 engineers in the development of instrumentation protocols.
- Conducted validation and qualification of instrumentation systems in compliance with regulatory standards.
- Implemented a predictive maintenance program that decreased equipment failures by 25%.
- Coordinated with quality assurance teams to ensure compliance with GMP regulations.
- Developed training materials and conducted workshops for staff on new systems and processes.

#### INSTRUMENTATION ENGINEER

##### BioManufacturing Solutions

2014 - 2016

- Assisted in the development of instrumentation and control systems for production lines.
- Performed routine calibration and maintenance of process equipment.
- Supported installation and testing of new instrumentation systems.
- Analyzed data to identify trends and areas for process improvement.
- Worked closely with manufacturing teams to resolve instrumentation-related issues.
- Documented and reported on system performance metrics for management review.