



MICHAEL ANDERSON

LEAD PROCESS ENGINEER

PROFILE

Accomplished Biopharma Process Engineer with extensive experience in the development and scaling of biopharmaceutical production processes. Demonstrates a strong foundation in bioprocess engineering principles, complemented by a robust understanding of regulatory frameworks governing the industry. Adept at leveraging cutting-edge technologies to enhance process efficiency and product quality. Proven track record of collaborating with internal and external stakeholders to drive innovative solutions that meet stringent quality standards.

EXPERIENCE

LEAD PROCESS ENGINEER

PharmaTech Solutions

2016 - Present

- Directed the development of new bioprocesses for vaccine production, achieving faster time-to-market.
- Implemented Quality by Design (QbD) principles to enhance process robustness.
- Facilitated cross-departmental workshops to drive innovation in bioprocessing.
- Utilized statistical process control to monitor production metrics and improve outcomes.
- Developed and executed validation protocols for new manufacturing processes.
- Authored standard operating procedures (SOPs) to streamline operations.

PROCESS ENGINEER

BioSolutions Corp.

2014 - 2016

- Contributed to the scale-up of fermentation processes for biologics.
- Analyzed production data to identify and rectify inefficiencies.
- Collaborated with R&D teams to transition new products to manufacturing.
- Maintained compliance with GMP regulations throughout the production lifecycle.
- Provided technical support during regulatory inspections.
- Developed training materials to enhance team knowledge on bioprocessing.

CONTACT

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SKILLS

- Bioprocess Development
- QbD
- GMP Compliance
- Statistical Analysis
- Team Collaboration
- Technical Writing

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN
BIOTECHNOLOGY, MASSACHUSETTS
INSTITUTE OF TECHNOLOGY

ACHIEVEMENTS

- Increased product yield by 25% through process enhancements.
- Received 'Innovation Award' for developing an efficient bioreactor system.
- Successfully led a project that resulted in a 30% reduction in cycle time.