



MICHAEL ANDERSON

PROCESS DEVELOPMENT ENGINEER

CONTACT

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- San Francisco, CA

SKILLS

- Pharmaceutical Process Development
- Quality Assurance
- Regulatory Compliance
- HPLC
- Team Collaboration
- Analytical Techniques

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING, UNIVERSITY OF CALIFORNIA, 2016

ACHIEVEMENTS

- Received the 'Innovation Award' for developing a novel drug formulation.
- Contributed to successful FDA submissions for two new products.
- Streamlined process documentation, resulting in a 35% reduction in preparation time for audits.

PROFILE

With a robust background in chemical engineering and over five years of experience in the pharmaceutical sector, I specialize in the scale-up of chemical processes from lab to production. My career has been marked by a commitment to quality assurance and regulatory compliance, ensuring that all processes meet stringent industry standards.

EXPERIENCE

PROCESS DEVELOPMENT ENGINEER

PharmaTech Industries

2016 - Present

- Led scale-up initiatives for new drug formulations, resulting in a 30% increase in production capacity.
- Developed and validated analytical methods to ensure compliance with FDA regulations.
- Collaborated with QA to implement quality control measures that reduced product defects by 40%.
- Utilized HPLC and GC for process monitoring and optimization.
- Trained production staff on new procedures, enhancing team competency and reducing training time by 25%.
- Conducted process simulations to predict performance outcomes and inform decision-making.

CHEMICAL ENGINEER

BioPharma Solutions

2014 - 2016

- Assisted in the design and optimization of bioprocessing operations, increasing yield by 20%.
- Participated in cross-departmental teams to improve product formulations based on feedback.
- Implemented automation solutions that decreased manual intervention, improving safety and efficiency.
- Analyzed production data to identify trends and recommend process adjustments.
- Supported regulatory audits by preparing documentation and ensuring compliance with industry standards.
- Developed training programs for new hires, enhancing onboarding experiences.