



Michael

ANDERSON

PROCESS DEVELOPMENT ENGINEER

Dedicated Chemical Engineering Analyst with over 6 years of experience in the pharmaceutical industry, specializing in process development and optimization for drug manufacturing. Strong analytical thinker with a proven ability to enhance production processes while ensuring compliance with regulatory standards. Highly skilled in utilizing chemical engineering principles to improve product quality and reduce costs.

CONTACT

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- San Francisco, CA

SKILLS

- Pharmaceutical Manufacturing
- Process Development
- Regulatory Compliance
- Data Analysis
- Quality Control
- Project Management

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING, UNIVERSITY OF FLORIDA, 2015

ACHIEVEMENTS

- Increased yield by 22% through innovative process optimization strategies.
- Received 'Outstanding Intern' recognition for contributions to process development.
- Contributed to a project that achieved FDA approval for a new drug formulation.

WORK EXPERIENCE

PROCESS DEVELOPMENT ENGINEER

PharmaTech Labs

2020 - 2025

- Designed and optimized chemical processes for the manufacturing of active pharmaceutical ingredients (APIs).
- Implemented process improvements that led to a 22% increase in yield and reduced production costs.
- Conducted experiments to validate process parameters and ensure compliance with FDA regulations.
- Worked closely with quality control teams to troubleshoot and resolve product quality issues.
- Prepared documentation for regulatory submissions and audits, ensuring all processes are compliant.
- Mentored junior engineers on best practices in process development and optimization.

CHEMICAL ENGINEERING INTERN

MediPharm Solutions

2015 - 2020

- Assisted in the development of manufacturing processes for new pharmaceutical products.
- Conducted data analysis to support process optimization initiatives.
- Participated in cross-functional team meetings to discuss project progression and challenges.
- Supported the documentation of process changes and improvements.
- Engaged in laboratory experiments to gather data for process validation.
- Learned about regulatory compliance requirements in pharmaceutical manufacturing.