



MICHAEL ANDERSON

Senior Process Development Engineer

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SUMMARY

Detail-oriented Process Development Engineer with over 8 years of experience in the pharmaceutical industry. Proven track record of optimizing processes for drug formulation and development. Adept at leveraging statistical analysis and modeling to improve production efficiency. Strong background in collaborating with cross-functional teams to ensure compliance with industry regulations and to meet project timelines.

WORK EXPERIENCE

Senior Process Development Engineer PharmaTech Solutions

Jan 2023 - Present

- Led the optimization of a drug formulation process, resulting in a 20% increase in yield.
- Collaborated with R&D to develop scalable manufacturing processes.
- Implemented process validation protocols that reduced production downtime by 15%.
- Utilized statistical process control tools to monitor process performance.
- Conducted risk assessments to identify potential process failures and implemented corrective actions.
- Trained junior engineers on best practices for process development and optimization.

Process Engineer BioMed Innovations

Jan 2020 - Dec 2022

- Developed and refined bioprocesses for cell culture production, increasing cell viability by 30%.
 - Performed equipment qualification for new bioreactors, ensuring compliance with FDA standards.
 - Analyzed process data to identify inefficiencies and propose solutions.
 - Executed troubleshooting for process deviations, leading to a reduction in batch rejections.
 - Collaborated with QA to establish process control measures that improved product consistency.
 - Presented findings at industry conferences, enhancing company visibility in the biotech sector.
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EDUCATION

Master of Science in Chemical Engineering, University of California, Berkeley

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** Process optimization, Statistical analysis, Risk assessment, Equipment qualification, Cross-functional collaboration, Continuous improvement
- **Awards/Activities:** Successfully launched three new drug products within budget and ahead of schedule.
- **Awards/Activities:** Received the 'Excellence in Innovation' award for developing a novel drug formulation.
- **Awards/Activities:** Published research on process optimization in a leading pharmaceutical journal.
- **Languages:** English, Spanish, French