



MICHAEL ANDERSON

Senior Dairy Process Engineer

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SUMMARY

An accomplished Dairy Plant Engineer with over 10 years of comprehensive experience in the dairy processing industry. Expertise encompasses the design, optimization, and management of dairy production systems, focusing on efficiency and sustainability. Proven track record in implementing advanced engineering solutions that enhance product quality and operational throughput. Adept at leading cross-functional teams in high-pressure environments, ensuring compliance with stringent industry regulations and safety standards.

WORK EXPERIENCE

Senior Dairy Process Engineer Global Dairy Solutions Inc.

Jan 2023 - Present

- Led the design and implementation of new processing lines to enhance production capacity.
- Conducted feasibility studies to assess the viability of new dairy product innovations.
- Collaborated with R&D to optimize formulations for improved shelf-life and quality.
- Managed a team of engineers to troubleshoot and resolve operational issues.
- Implemented Lean manufacturing principles to reduce waste and improve efficiency.
- Ensured compliance with FDA regulations and industry standards.

Dairy Plant Engineer Fresh Dairy Products Co.

Jan 2020 - Dec 2022

- Designed and installed state-of-the-art pasteurization systems to enhance food safety.
 - Conducted regular maintenance checks to ensure optimal functioning of equipment.
 - Developed training programs for staff on equipment operation and safety protocols.
 - Performed process simulations to optimize production workflows.
 - Monitored key performance indicators to drive continuous improvement.
 - Collaborated with suppliers for the procurement of high-quality materials.
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EDUCATION

Bachelor of Science in Dairy Science, University of Wisconsin-Madison, 2011

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** Process Engineering, Project Management, Quality Assurance, Regulatory Compliance, Lean Manufacturing, Team Leadership
- **Awards/Activities:** Increased production efficiency by 25% through process optimization.
- **Awards/Activities:** Awarded 'Engineer of the Year' for outstanding contributions to product innovation.
- **Awards/Activities:** Successfully reduced operational costs by 15% through strategic supply chain management.
- **Languages:** English, Spanish, French