

JAMES PERRY

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SUMMARY

Senior Engineer and Software Developer with more than 6 years of experience in project management, strategic planning, and process optimization. Background in establishing standard operating procedures, leading cross-functional teams, and generating performance reports. Key strengths include data analysis, creative problem solving, and learning new systems.

TECHNICAL SKILLS

C++
NOSQL

Python
Aspen ProMV

SQL
JavaScript

mySQL
GraphQL

EXPERIENCE

2020 – Present

Ingredion Incorporated

Indianapolis, IN

Senior Engineer

2023 – Present

- Manage small team through task stratification, deliverable organization, and process implementation
- Leverage Lean Six Sigma principles to generate efficiency, execute process improvements, and promote safety
- Serve as Subject Matter Expert (SME) on certain technologies related to company processes and generate weekly, monthly, and ad hoc reports as needed with a focus on identifying gaps and mitigating risks
- Lead special projects, including utility relocation/renovation project with an estimated cost of \$3.5MM and a utility infrastructure upgrade to implement new technology and materials

Department Manager | Corn Co-Products

2021 – 2022

- Managed team of 15 by designing, implementing, and championing training and talent acquisition programs
- Led more than 10 root cause analysis initiatives across cross-functional teams by identifying action items and liaising with senior leadership, ultimately reducing dryer fire frequency by more than 50%
- Championed programs to increase the autonomy and safety mindset of hourly reports and transitioned the department culture from a fixed mindset to ongoing journey of growth via value-stream mapping

Process Lead | Corn Wet Milling

2020 – 2021

- Coached employees on best practices, standard works, and job expectations while monitoring daily safety, environmental, quality, and OEE and implementing process improvements to address deficiencies
- Led data-driven approach to optimize training that resulted in a 15% improvement in wet corn germ production

2017 – 2020

Archer Daniels Midland Company

Decatur, IL

Process Engineer | Soy Protein Extraction

- Designed and implemented process improvements requiring up to \$1MM in capital while troubleshooting process issues using the DMAIC process to address root causes
- Supervised operators, maintenance, and contractors during major outages and personnel shortages
- Optimized standard operating procedures, PSM documents, and safety requirements while leading the PSM required PHA/HAZOP for the hexane extraction department to create a plan of action and mitigate gaps

EDUCATION AND CERTIFICATIONS

University of Wisconsin

Remote

Coding and Webstack Development Certificate (2023)

Purdue University

West Lafayette, IN

Bachelor of Science, Chemical Engineering (2017)