

# Dae Price

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## SUMMARY

Chemical engineer with over five years of experience in chemical management services, specializing in technical support for manufacturing processes. Proven ability to lead complex projects and collaborate with cross-functional teams to optimize operations and drive efficiency. Strong background in data analysis, project management, and customer consultation, committed to improving performance metrics and ensuring safety compliance in chemical usage.

## EXPERIENCE

### Senior Fluidcare Chemical Engineer

March 2021 - Present

Innovative Solutions Chemical Corp.

Chicago, IL

Lead technical and administrative functions in a high-volume manufacturing environment, pivotal in ensuring seamless chemical management across multiple plants.

- Act as a trusted consultant for clients, advising on effective chemical applications that enhance overall production efficiency.
- Work collaboratively with various plant sites to standardize procedures, driving continuous improvement initiatives across operations.
- Design and produce detailed reports alongside inventory management systems utilizing advanced software tools, optimizing operational workflow.
- Manage chemical orders independently, ensuring timely availability of products without external support or intervention.
- Initiate and supervise the gathering and analysis of data to prepare project proposals, presenting actionable insights to key stakeholders.
- Mentor junior engineers and technicians, creating a supportive environment for growth and adherence to safety protocols.

### Chemical Process Engineer

June 2018 - February 2021

ChemTech Solutions

Aurora, IL

Specialized in developing and implementing efficient chemical processes, directly enhancing product quality while cutting down waste production.

- Executed rigorous data analysis monitoring performance indicators, which facilitated trends identification and subsequent process improvements.
- Partnered with multidisciplinary engineering teams to innovate new formulations, thereby expanding product offerings and capabilities.
- Led training sessions aimed at improving safe chemical handling practices among peers, significantly affecting workplace safety culture.
- Utilized proven project management methodologies to steer teams towards achieving targeted milestones, ensuring delivery timelines were met.
- Conducted practical experiments and validated formulations contributing directly to enhancements in existing product lines and customer satisfaction.

### Junior Chemical Engineer

January 2016 - May 2018

ProChem Industries

Rockford, IL

Contributed to engineering processes that led to improved efficiencies in a demanding manufacturing setting, working closely with experienced professionals.

- Provided assistance in process design and optimization efforts, leading to measurable improvements across production workflows.
- Maintained documentation consistent with industry regulations, helping ensure compliance standards were reliably met during audits.
- Collaborated with teams to analyze data from manufacturing processes, recommending corrective actions whenever necessary.
- Participated in regular safety audits, actively promoting safe work practices among colleagues and ensuring pre-operation inspections were thorough.
- Engaged in professional development through workshops concentrating on evolving chemical technologies relevant to current industry demands.

## LEADERSHIP & AWARDS

- Recipient of the Excellence in Engineering Award for innovative solutions in chemical processes.
- Awarded Employee of the Month for exceptional contributions to project deliverables and team leadership.

## EDUCATION

### Bachelor's Degree in Chemical Engineering

2015

University of Illinois    GPA: 3.8

Urbana-Champaign, IL

**Coursework:** Thermodynamics, Organic Chemistry, Process Design, Separation Processes

## CERTIFICATIONS

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- Certified Chemical Engineer (CCE) 📅 2020
- Project Management Professional (PMP) 📅 2021

## TECHNICAL SKILLS

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- **Project Management Tools:** Trello, Asana, JIRA
- **ERPs:** SAP, Oracle ERP, Microsoft Dynamics
- **Data Analysis Software:** MATLAB, Minitab, Python
- **Chemical Analysis Technologies:** GC-MS, HPLC, FTIR
- **Process Control Systems:** SCADA, DCS, PLCs
- **Software Development:** Java, C++, SQL
- **Reporting Tools:** MS Excel, Tableau, Power BI
- **Laboratory Equipment:** Spectrophotometer, Chromatograph, Titrator
- **Technical Documentation Standards:** ISO, ASTM, OSHA
- **Safety Protocol Training:** Hazard Communication, PPE Guidelines, Manufacturing Safety

## SKILLS

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- Chemical Management
- Data Analysis
- Safety Compliance
- ERP Systems
- Project Management
- Client Consultation
- Report Design
- Inventory Management

## PROFESSIONAL AFFILIATIONS

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- Active member of the American Institute of Chemical Engineers (AIChE), participating in community outreach programs.
- Volunteered civil engineering mentor for local high schools promoting STEM education.

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST