

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

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

TECHNICAL SKILLS

- **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

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

PROFESSIONAL AFFILIATIONS

- 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

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST