

John Smith

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OBJECTIVE: To obtain a position as (TITLE OF POSITION)

PROFILE: **EXPERIENCE:** Versatile engineer who has designed complex processes and managed overlapping projects requiring strong consulting and technical skills.

ENGINEERING SKILLS: Innovator with a proven record of introducing new processes that improve productivity, control costs, and enhance quality.

COMMUNICATION SKILLS: Team leader who builds rapport with clients, contractors, and co-workers by presenting solutions in clear, concise terms.

- Project Management
- Design Integration
- Manufacturing Processes
- Process Flows
- Installation
- Process Improvement
- Specifications
- Maintenance
- Safety

EXPERIENCE: **ACME ENGINEERING COMPANY** Chicago, Illinois 2009-Present

SENIOR PROCESS ENGINEER (2012-Present)

Plan and manage 2-3 overlapping process-based projects for an engineering consulting firm. Meet with clients to determine project goals and scope. Develop process flows and instrument diagrams. Forecast equipment/resource (utility) needs and hours/costs for bid tabulations. Define solutions and coordinate activities with project managers. Produce process and instrument diagrams, process flow diagrams, mass/heat balances, material handling method, and system designs.

- Lead Process Engineer and Project Manager for a Turnaround Support (TAR) project. Collaborate with clients to define scope and manage change. Developed detailed instructions for contractors, and identified purchasing requirements. Worked independently on the night shift.
- Discipline Lead on a complex project with responsibility to track budget costs related to process engineering.
- Designed truck unloading, filtration, water removal, and storage facilities to receive and process Natural Gas Liquid (NGL).
- Developed expertise in relief valve calculations needed to meet compliance guidelines.
- Recognized with Silver and Bronze Awards for outstanding leadership on various projects (2014-2015).

PROJECT ENGINEER (2009-2010)

Directed all phases of a 2½ year rehab project at BP's Whiting, Indiana, refinery facility. Met with clients to define scope and milestones. Managed cross-functional teams with process engineers, structural engineers, and contractor supervisors. Reviewed work packages (scope, schedules, budget, constructability) and obtained client approval. Tracked budget costs for engineering and contractor labor. Led weekly meetings to control costs and achieve milestones. Followed up with clients throughout the project, and prepared monthly progress reports.

- Consistently met goals for milestones, budgets, and safety.
- Recognized by managers for demonstrating value to clients in a way that justified billable hours.

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ARCELOR MITTAL East Chicago, Indiana

2005-2009

MANAGER, STEEL PRODUCTION

Developed strong managerial and leadership skills, working in a high volume steel mill. Directed a continuous batch process that could not be stopped. Coordinated activities across several production departments. Followed strict guidelines for production and safety. Negotiated issues between department managers and union employees. Supervised and trained a team of 15-20 employees.

- Ranked as #1 in productivity for 12 consecutive months.
- Demonstrated flexibility by working rotating weekly shifts at a 24/7 facility.

EDUCATION:

OHIO STATE UNIVERSITY Columbus, Ohio

B.S., Chemical Engineering

2008

LICENSES:

- Licensed EIT
- Currently pursuing PE

STANDARDS:

- American Society of Mechanical Engineers
- American Petroleum Institute
- American National Standards Institute

TECHNICAL SKILLS:

Equipment: Sizing process equipment/piping, relief valves/sizing, and ladle metallurgical facilities/QBOP furnaces

Design & Project Management: MathCAD (expert skills), HYSYS, AutoCAD (basic skills), Visio

MS Office: Excel, PowerPoint, Word, Outlook