

Professional Summary

Results-driven Engineering leader with 15+ years of experience in Cement and Mineral processing industries, driving innovation and efficiency through strategic consulting and engineering expertise. Proven track record of delivering high-impact projects, fostering collaborative environments, and mentoring cross-functional teams.

Professional Experience

Director of Engineering (EN09)

Inazuma.co | January 2020 - Present

Senior Engineering Manager

Cementech Inc. | June 2015 - December 2019

Key Achievements:

- Successfully led the development of a novel cement plant design, resulting in 25% increased efficiency and 15% reduced costs for clients.
- Mentored a team of 10 engineers, achieving a 30% increase in project delivery speed and a 20% reduction in project costs.

Responsibilities:

- Managed large-scale engineering projects from conception to completion.
- Collaborated with cross-functional teams to ensure project alignment with business objectives.

Engineering Team Lead

Mineral Processing Solutions | March 2010 - May 2015

Key Achievements:

- Developed and implemented a process optimization strategy, leading to a 12% increase in mineral recovery rates for a major client.
- Improved team's project delivery time by 25% through process streamlining and resource allocation.

Responsibilities:

- Led a team of 5 engineers in designing and implementing mineral processing solutions.
- Conducted site visits to assess client operations and provide tailored consulting services.

Senior Engineer

Cement Industry Consultants | August 2008 - February 2010

Key Achievements:

- Contributed to the design of a greenfield cement plant, ensuring compliance with international environmental standards.
- Collaborated with the sales team to develop technical proposals, resulting in a 40% increase in new business acquisitions.

Responsibilities:

- Designed and developed detailed engineering plans for cement plant projects.
- Provided technical support for business development initiatives.

Education

Master of Science in Chemical Engineering
Massachusetts Institute of Technology (MIT)

Relevant Coursework:

- Process Design and Optimization
- Environmental Engineering
- Materials Science

Technical Skills

Engineering:

- Plant Design
- Process Optimization
- Project Management

Software:

- AutoCAD
- SolidWorks
- MS Project

Industry Knowledge:

- Cement Manufacturing
- Mineral Processing
- Environmental Regulations