

Professional Summary

Results-driven Senior Design Engineer (EN12) with 15+ years of experience in the biotechnology industry, leveraging expertise in AutoCAD, Power Plants, MEP, Power Distribution, and Project Management to drive innovative solutions and team success.

Professional Experience

Senior Design Engineer (EN12)

Inazuma.co | January 2018 - Present

Lead Design Engineer (EN9)

NovaTech Inc. | June 2015 - December 2017

Key Achievements:

- Successfully managed a team of 5 engineers, resulting in a 30% increase in project delivery efficiency.
- Designed and implemented a novel power distribution system, reducing energy costs by 25% for a major client.

Responsibilities:

- Team leadership and project management
- Design and development of MEP systems
- Client liaison and project delivery

Design Engineer (EN6)

EcoPlex Solutions | March 2012 - May 2015

Key Achievements:

- Developed and implemented an AutoCAD training program, enhancing team proficiency by 40%.
- Collaborated on the design of a sustainable power plant, recognized with a national innovation award.

Responsibilities:

- Design and drafting of mechanical and electrical systems
- Collaboration with cross-functional teams
- Training and development of junior engineers

Junior Design Engineer (EN3)

GreenTech Engineering | August 2009 - February 2012

Key Achievements:

- Assisted in the design of a pioneering biotechnology lab, contributing to a 20% reduction in project timelines.
- Participated in the development of company-wide design standards, improving consistency by 15%.

Responsibilities:

- Assistance in design and drafting
- Data entry and document management
- Learning and adapting to company processes

Education

Bachelor of Science in Mechanical Engineering

Massachusetts Institute of Technology (MIT) | May 2009

Technical Skills

Engineering:

- Project Management
- Mechanical Engineering
- Electrical Engineering

Software:

- AutoCAD
- Power Distribution Software

Industry Knowledge:

- Biotechnology
- Power Plants
- MEP (Mechanical, Electrical, and Plumbing)