

Professional Summary

Results-driven Engineering Professional with 8 years of experience in PDMS/Piping and Stress Analysis, leveraging expertise in Plant Design to drive project efficiency and excellence. Proven track record of successfully managing complex projects and leading cross-functional teams.

Professional Experience

Senior Piping Engineer (EN10)

Inazuma.co | 2022 - Present

Piping Engineer (EN7)

NovaTech Inc. | 2019 - 2022

Key Achievements:

- Successfully led a team to complete a piping project 20% ahead of schedule, resulting in cost savings of \$500,000.
- Developed and implemented a new piping design process, reducing project timelines by 15%.

Responsibilities:

- Designed and analyzed piping systems for chemical plants using PDMS.
- Collaborated with cross-functional teams to ensure project deliverables met client expectations.

Junior Piping Engineer (EN3)

EcoPiping Solutions | 2017 - 2019

Key Achievements:

- Assisted in the development of a piping design manual, adopted company-wide, enhancing design consistency by 30%.
- Received the 'Rising Star' award for outstanding performance and dedication to project success.

Responsibilities:

- Assisted in the design and drafting of piping layouts for industrial projects.
- Conducted site visits to ensure design specifications were met during construction.

Engineering Intern

Greenfield Engineering | Summer 2016

Key Achievements:

- Contributed to the design of a sustainable water treatment plant, recognized for innovative use of piping materials.

Responsibilities:

- Assisted engineers in drafting and designing piping systems.
- Participated in project meetings to understand client needs and project scope.

Education

Bachelor of Engineering (BE) in Mechanical Engineering

University of California, Berkeley | 2017

Technical Skills

Software:

- PDMS
- Rohr2
- AutoCAD

Engineering Disciplines:

- Piping
- Plant Design
- Stress Analysis

Soft Skills:

- Project Management
- Team Leadership
- Client Communication