

Professional Summary

Results-driven Engineering Professional with 12+ years of experience in Petrochemical and Process Simulation, leveraging expertise to mentor and guide fresh graduates in their career endeavors. Proven track record of successful project execution and team leadership.

Professional Experience

Senior Engineering Consultant (EN09)

Inazuma.co | January 2020 - Present

Engineering Manager (EN07)

PetroCore Inc. | June 2018 - December 2019

Key Achievements:

- Successfully led a team of 10 engineers in the development of a novel petrochemical process, resulting in a 25% increase in production efficiency.
- Implemented a FEED (Front-End Engineering Design) framework, reducing project timelines by 30%.

Responsibilities:

- Team Management
- Process Development
- FEED Implementation

Senior Process Engineer (EN05)

SimuTech Solutions | March 2015 - May 2018

Key Achievements:

- Designed and simulated a petrochemical plant expansion, achieving a 15% reduction in capital expenditure.
- Collaborated with cross-functional teams to integrate process simulation tools, enhancing overall project delivery by 20%.

Responsibilities:

- Process Design
- Simulation Modeling
- Cross-Functional Collaboration

Process Engineer (EN03)

GreenField Energy | August 2012 - February 2015

Key Achievements:

- Developed and implemented a process optimization strategy, resulting in a 10% reduction in energy consumption.
- Assisted in the commissioning of a new petrochemical unit, ensuring a smooth startup.

Responsibilities:

- Process Optimization
- Commissioning Support
- Operational Troubleshooting

Education

Technical Skills

Petrochemical:

- Petrochemical Process Development
- Plant Design and Operations

Process Simulation:

- Simulation Modeling (ASPEN, COMSOL)
- FEED (Front-End Engineering Design)

Soft Skills:

- Team Management
- Cross-Functional Collaboration
- Mentorship and Coaching