

Contact

www.linkedin.com/in/

Top Skills

Python (Programming Language)

Homework Help

Teacher Mentoring

Languages

English (Full Professional)

Bokmål, Norwegian (Limited Working)

Dru Zande

Mechanical Engineer i Worley Rosenberg

Austria

Summary

Mechanical Engineer focusing on rotary equipments especially pumps in oil and gas industry.

I love and value responsibility at my job as well as learning more in my field everyday; which helps me contribute more and be a better engineer in my team. Well-knowledgable, responsible, experienced and great teammate are always my top career goals.

My first Master degree in Mechanical Engineer gave me Strong knowledge in solid mechanics and especially micro-macro behaviour of porous materials. I have great skills in Solidworks and Ansys APDL and workbench.

My second Master degree in Structural and Material with specialisation in Renewable Energy introduced me to Green Energy industry and offshore Wind turbines as well as factors and methods that we should consider regards to carbon capturing projects.

Experience

Worley

3 years

Mechanical Package Responsible Engineer

February 2021 - Present (3 years)

Stavanger, Rogaland, Norway

Jotun A life time extension.

I am handling 5 Pump Packages in Jotun project:

1. Closed Drain Pump
2. Cooling and Heating Medium Pumps
3. Crude Oil Booster Pumps
4. LP Flare KO Drum Pumps
5. Gas Turbine main Hydraulic Starter Pumps

Mentor for new Package Responsible Engineers

May 2023 - June 2023 (2 months)

CO2 injection pumps choice

January 2023 - February 2023 (2 months)

Norway

I am helping process group to find correct pump type and supplier of CO2 shipping - Study phase

Mechanical Package Responsible Engineer - Training

February 2021 - April 2021 (3 months)

Stavanger, Rogaland, Norway

University of Stavanger

Teaching Assistant

August 2020 - March 2021 (8 months)

Stavanger, Rogaland, Norway

Fluid Dynamics for Master Students

Computational Fluid Dynamics (CFD) for Master Students

- Reviewing and Summarizing the Course
- Solving Various Course-Related Exercises
- Contributing to Exam Questions Creation

Nargan Engineers and Constructors

Mechanical/Piping Engineer

October 2017 - February 2019 (1 year 5 months)

Tehran Province, Iran

- Reviewing the process package
- Providing design and drafting for engineering deliverables including process flow diagrams (PFDs), piping and instrument diagrams (P&IDs), and general arrangements
- Providing design and drafting for the layout, design and specification of mechanical equipment and piping for industrial plants and related infrastructure
- Designing and drafting of equipment, piping and auxiliary components in 2D and 3D drawing environments (i.e., PDMS, CATIA and SolidWorks)
- Preparing project documents in accordance with project and company standards

- Establishing good working relationships and communication with area leads, department managers, clients, and other team members to coordinate, ensuring the compatibility of design

Education

University of Stavanger (UiS)

Master of Science - MS, Renewable energy · (2019 - 2021)

Amirkabir University of Technology - Tehran Polytechnic

Master of Science - MS, Mechanical Engineering · (2017 - 2019)