

Vishwanath Gedigeri

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Professional Summary

Engineer with a full-time Honors degree in Mechanical Engineering from an accredited Canadian university and a Masters degree in Strategic Analytics from an accredited American University with a strong background and extensive professional experience in piping engineering, project engineering, analytics and developing business solutions to complex problems within a multibillion oil and gas EPC company. A proven engineer and analyst that works well in a team environment with excellent written and oral communication skills.

Experience

Senior Engineer

Saipem Private Limited, Chennai, India, Mar 2015- Apr 2016

- Develop and implement piping engineering analysis reported directly to the senior management.
- Designed complete piping designs for refineries and petrochemicals using Smartplant 3D.
- Design project lifecycle forecasting tools to measure potential capital requirements using internal and external technical data.
- Oversaw piping drawings to ensure piping and piping support material specifications are in compliance with Saipem Private Limited and Saudi Aramco standards.
- Design and develop an analysis portfolio with six major projects covering topics ranging from design engineering to data aggregation.

Piping Specialist E.I.T

Saipem Canada Limited, Calgary, Nov.2011-Nov.2014

- Responsible for Bill of Materials extraction of piping drawings and compliance with Saipem Canada, Husky Energy and ASME B31.3 standards.
 - Perform analysis on large data sets from internal and external sources to provide strategic direction to Saipem Canada Limited.
 - Aggregated data from various programs, analyzed time and liquidity requirements to visualize liquidity profile across Canada operations.
 - Managed quality assurance teams along with engineering and procurement department to ensure quality deliverables.
 - Developed as built modifications and field measurements.
 - Collaborated with process engineering team to develop as built modifications to align with Saipem Canada and Husky Energy standards.
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Achievements

- Managed small scale piping engineering teams with the design and development of piping and piping support material designs with the right leadership and management to conduct scenario analysis for largest clients within Saipem Private Limited.
 - Saved \$100,000 in expenditures by aligning client and project specifications.
 - Leveraged the quotation-to-liquidity business process map to improve consistency and conformance. The business process map was innovative and used as a template for others.
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Education

Masters of Science in Strategic Analytics

Brandeis University • Massachusetts, USA • May 2016 - July 2017 • 3.7 GPA

Bachelors of Applied Sciences - Mechanical Engineering (Honors)

University of Windsor • Ontario, Canada • 2011

Skills

Smartplant 3D, Bentley Autoplant, Smartplant Review, ASME B31.3, Piping Support Specification, Sour Gas Projects, R programming, SQL, Tableau, Regression, Clustering, Neural Networks, Classification, Microsoft Office Suite