

# Sai Praveen Adiraju

## Petroleum Engineering

As a Recent Engineering Graduate, I would like to secure a challenging Entry level position in Operations in a reputable organization to expand my learnings, knowledge, and technical skills. I can work smartly and cooperatively under tight time constraint and high-pressure situations.

✉ [Saipraveenadiraju2212@gmail.com](mailto:Saipraveenadiraju2212@gmail.com) +1- 9187143807 📍 Tulsa, OK, USA

in <https://www.linkedin.com/in/sai-praveen-adiraju-387a15184>

## AREAS OF EXPERTISE

Drilling and Completions	Flow Assurance	Well Stimulation	Reservoir Engineering
Artificial Lifts	Reservoir Simulation	OLGA 2019	MS Office Suite
HAZOP Studies	Risk Assessment	Project Management	Group Dynamics

## ACADEMIC HISTORY

### ME, Petroleum Engineering

University of Tulsa – McDougall School of Petroleum Engineering - Graduate 1<sup>st</sup> Semester

*Tulsa, OK*

### BTECH, Petroleum Technology

Aditya Engineering College - Affiliated to JNTU-Kakinada – CGPA- 7.84/10.

*Kakinada, A.P*

*08/2016 - 10/2020,*

## PROFESSIONAL HISTORY

### Well Completion and Work Over Operations Engineer -Intern

Reliance Industries Limited (Oil & Gas Corporation)

*05/2019 - 05/2019,*

*Gadimoga, A.P*

*Oil and Gas Industry – KG Basin – D6 Block*

*Achievements/Tasks*

- We had an opportunity to see the entire plant of Reliance Gadimoga Refinery where the oil & gas comes directly from offshore production and are separated through distillations, slug catchers, separators.
- I gained tremendous knowledge on how the sweet gas is processed in the refinery.
- The remaining days of internship were spent in Well Completions Yard where I had practical knowledge in completion tools like Packers, Bridge Plugs, Liner Hangers, Production Tubes, Open Hole Anchors, Proppants...etc.
- Finally, after the completion of internship I was able to Plan, Organize, Monitor and Control Completion Tasks.

### Subsea Engineering - Intern

ONGC Eastern Offshore Asset

*11/2018 - 12/2018,*

*Kakinada, A.P*

*Achievements/Tasks*

- Inspection on delivery and maintenance of the suite of rig-based intervention system equipment like Subsea Christmas Tree, Risers, Umbilical's, Flowlines...etc.
- Learned about the installation of wellheads on the seabed and the flowlines joining them to the platform.
- Gained Knowledge on various aspects of Subsea Field Development, Subsea Operations and Production.
- I was able to plan, perform and execute subsea operations in Shallow water, Deep water projects.

## PERSONAL PROJECTS

### Hydraulic Fracturing in Shale Gas Reservoirs

- Learned about the Importance of Fracturing in Unconventional Reservoirs
- Studied different types of proppants, fracturing fluids to determine which is capable in improving production.
- Optimized production and reduce production costs by implementing Channel Fracturing.
- Conducted comparative study between Haynesville Shale and Barnett Shale, found that channel fracturing is mainly recommended in High Depth wells.
- Results showed a potential increase of 10% production with the increase of Fracture Conductivity.

### Well Control

- It is important to maintain Primary well control by management of MW, active volumes of mud and monitoring mud parameters during operations
- However, based on early warning signals and /or kick signals, timely Secondary well control is utmost important.
- After quick shut in and by proper use of BOPs and appropriate well control methods it is used to avoid disasters / tertiary control
- Calculated Kill Mud Weight using SIDP and present Mud Weight values and finally well is stabilized.

## CERTIFICATIONS

- Nebosh HSE Introduction to Incident Investigation – Certified on 05/01//2021
- Risk Assessment Training - 15/10/2020
- Python – 01/06/2021
- Advanced Diploma in Occupational Safety, Health and Environmental Management – 10/07/2020
- Flow Assurance in Petroleum Industry – 16/03/2019

## ACHEIVEMENTS

- Recipient of first prize in Petro Debate in “VEDA-2K19” Technical Fest conducted in Aditya Engineering College.
- Recipient of first prize in Project Presentation in “VEDA-2K18” Technical Fest conducted in Aditya Engineering College.
- Recipient of third prize in Project Presentation in “VEDA-2K17” Technical Fest conducted in Aditya Engineering College.

## LANGUAGES

English ● ● ● ● ●

Telugu ● ● ● ● ●

Hindi ● ● ● ● ○

## PERSONAL DETAILS

Date of Birth: 22 – 12 -1998

Nationality: INDIAN

Address: 1813 S Kingstone Avenue, Tulsa, OK.  
74112 - Zipcode