



Sri Krishna

Director of iDrilling Technologies

A Petroleum Engineer with more than 7 years of experience in Well Design and Engineering. An emerging focus on incorporating AI based solutions in the upstream side of the Oil and Gas section. Passionate about bringing value to the industry by providing quality and effective well engineering solutions.

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📍 Dubai, United Arab Emirates



SKILLS

Basis of Design

Hydraulics and Hole Cleaning

Probabilistic Time Estimates

Drilling Programs

Casing Design

Offset Well Reviews

Well Trajectory Design

Python

Data Science

Machine Learning Models

Web Design

Statistical Analysis



WORK EXPERIENCE

Director/Engineer

Dubai / iDrilling Technologies

10/2023 - Present

Waltersmith Petroman Oil Limited

Nigeria

Tasks

- Supporting Waltersmith in developing scope of work for drilling services and performing technical and commercial bid evaluations for their upcoming drilling project in Q4 2024 - Ongoing

Director / Engineer

Dubai / iDrilling Technologies

10/2023 - Present

Petralon Energy

Nigeria

Tasks

- Performed feasibility studies for a well to be drilled in a swamp environment.
- Performed well trajectory optimization to target multiple reservoir zones.
- Developed the Basis of Design
- Developed Probabilistic Time Estimates (P10, P30, P50, P70 and P90) using Monte Carlo estimations.

Director / Engineer

Dubai / iDrilling Technologies

10/2023 - Present

Ingentia Energies Limited

Nigeria

Tasks

- Developed a Basis of Design (BoD) for an onshore re- entry campaign into a 35-year-old well that involves a visual survey, rigless casing integrity test, re-entry, WLL, re- perforations, DST and well completions.
- Budgeting / Planning for Appraisal Wells as part of Field Monetization in OML 141, Nigeria.

Lead Drilling Engineer

Dubai / iWells Integrated Management Consultants

08/2023 - 09/2020

Confidential Client

Oman

Tasks

- Performed Rig Sizing study to determine the minimum required rig specifications to drill a series of planned wells around 5,000m in Oman.

Well Engineer

Dubai / iWells Integrated Management Consultants

04/2023 - 05/2023

Confidential Client

India

Tasks

- Performed drilling feasibility studies for two deep (4,000+ m) high pressure wildcat exploration wells in Manipur and Tripura Regions, North-East India.
- Prepared basis of well designs for each region with detailed risk register, mitigations and impact matrix and presented recommendations for execution.

Drilling Engineer

Nigeria / AMNI International Petroleum Development Company

09/2019 - 12/2022

Nigeria, Lagos

Tasks

- Lead drilling engineer incharge of well planning and design in Okoro and Tubu fields.
- Well trajectory design and optimisation, Casing Design, Hydraulics program.
- Project engineer for Tubu and Okoro Campaign incharge of project scheduling, data analysis, gap analysis, logistics management, with engineering and execution support.
- Performed hole cleaning and hydraulics simulations for 7,000 ft long open hole section inclined at 55°.

Drilling Engineer

Ghana and Nigeria / AMNI IPDC

08/2022 - 09/2022

Ghana

Tasks

- Deepwater Well Planning Phase for Kusia - 1X. Preparation of Drilling Program and Statement of Requirements for the well.
- Developed Scope of Work for Deepwater Drilling Services for Contracts and Procurement.

Technical Lead Software Development

Dubai / iWells Integrated Management Consultants

05/2021 - 10/2023

Dubai

Tasks

- D-OPT, Hydraulics Software - Completely developed with Python and Django Framework

Drilling Support Engineer

Romania / Stratum Energy

10/2021 - 10/2021

Romania

Tasks

- Preparation of Well Montages for the planned wells.
- Preparation of End of Well Reports (EOWRs).
- Offset Well Analysis for 9 wells.
- Preparation of Probabilistic Time Estimates - P10, P50 and P90.

Support Engineer

ASRY Shipyard

07/2018 - 11/2018

Bahrain

Tasks

- Worked as a support engineer under the Drilling Superintendent of the Trident VIII, Independent Leg Jack Up (ILJU) Drilling Rig - For the rig's refurbishment project.
- Worked with a 3rd party rig inspection company - Dietswell to compile the critical items checklist for the rig.
- Witnessed the endurance test of the Trident VIII.



EDUCATION

M. Sc Petroleum Engineering

Heriot Watt University

11/2016 - 11/2018

Thesis

- Fundamental Criteria for Success of ERD Wells: Hole Cleaning

Dubai

B. E. Petroleum Engineering

Maharashtra Institute of Technology

08/2012 - 06/2016

Thesis

- Extreme Wells: Extended Reach Wells beyond the industry average envelopes and boundary conditions

India



LANGUAGES

English

Native or Bilingual Proficiency

Japanese

Limited Working Proficiency

German

Limited Working Proficiency