

CURRICULUM VITAE

RAHUL BHAT

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CAREER OBJECTIVE

Dynamic, qualified and experienced Lead Mechanical Engineer with expertise in providing Mechanical Engineering support for various operations and projects, willing to take a responsible position to make use of my experience and skills in a renowned organization.

EXPERIENCE

Rig Mechanic

Jasper offshore Ltd. (DP2 DRILL SHIP)

Walvis Bay, Namibia (South Africa)

February 2016 – June 2017

Jasper explorer is a Dynamic Positioned Vessel (DP 2) and operating water depth is 5000 ft.

Systems & Equipment

- Top Drive (Varco 1000HP)
- Draw works (National Oil well Varco 3000HP)
- Mud Pump(National Oil well Varco Triplex 1600HP)
- Intermediate and upper racking arm (Aker Kvaerner MH)
- Eagle light (Aker Kvaerner MH)
- Iron Rough Neck (Aker Kvaerner/ NOV)
- High Pressure Compressor(Bauer 4 stage 3 cylinder 350bar)
- Hydraulic Processing Unit(Electric Drive 100HP)
- Tech crane L-200(110 T)
- GUSTO Crane(40T)
- Knuckle Boom Crane(30T)
- 200K NOV Riser Tensioner System
- 70 M Cameron collet type LMRP connector
- 10 K, 18.75"Cameron 'U' BOP.
- DX 15 Drill quip well head connector.
- 1300 K Aker Crown Mounted Compensator and all other Sub Sea related equipments.

Duties

- Inspecting drilling equipment on a daily basis and repairing and replacing parts as required
- Assist with maintenance on Mud Pumps ,Draw works, Top drive, Hydraulic and mechanical cranes, Iron roughnecks, Racking arms, Fingerboards, Manipulating arms, Riser skid, Eagle light, Man access basket, Air compressors, utility winches, shale shakers, Centrifugal pumps, triplex pumps and all other equipments on drilling rigs.
- Assist with maintaining the Marine Riser Tensioner, Diverter, Ball joint, Riser spider, Gimbals, Tensioner ring.
- Function test on Blow Out Preventer(BOP)ring
- Maintain and test hydraulic hoses and fittings.
- Familiar with AMOS planned maintenance systems.

- Performing mechanical preventive maintenance on engines and equipment.
- Diagnosing faults, servicing, and carrying out necessary repairs on air compressors, pumps, and diesel engines.
- Coordinating with Maintenance Engineer and scheduling preventive maintenance program.
- Observing and implementing safety measures on assigned rig.
- Creating, maintaining, and updating daily log on routine maintenance work.
- Investigating breakdowns, determining spare parts required, and performing repair

Asst. mechanic

Focus Energy Ltd (Mercury, Jack up Rig)

Surat, Gujarat (India)

August 2014– January 2016

Mercury is a four leg Discovery rig operating water depth is 250 ft

Systems & Equipment

- Caterpillar Engine (D399, D398)
- ALCO Engines(12V cylinder)
- Top Drive (Varco 1000HP)
- Draw works (National Oil well Varco 2000HP)
- Mud Pump(National Oil well Varco Triplex 1600HP)
- Centrifugal pumps(Nation Oil well Varco)
- Koomey Unit, Blow Out Preventer and all other drilling related equipments

Duties

- Performed routine inspection and control tasks to ensure efficiency of operations.
- Assist with operation and maintenance of engines caterpillar D399, D398 and ALCO Engines.
- Assist with maintenance on Mud Pumps, centrifugal pumps, Draw works and all other equipments.
- Assist with maintenance of Blow out Preventer (BOP) and Koomey unit.
- Worked as part of a team for larger repair and maintenance projects.
- Comply with permit to work and isolation system
- Implement all company and operator safety policies, programs and procedures, work to create a culture of safety on the Rig.
- Repairing or replacing defective equipment parts.
- Consulting with senior colleagues regarding technical issues.

ACADEMIC QUALIFICATION

- B. E in Mechanical Engineering MET BKC IOE, PUNE University, 2014.
- Senior Secondary, TINY TOTS Hr. Sec. School, J&K STATE board, 2010.
- Higher secondary, TINY TOTS Hr. Sec. School, J&K STATE board, 2008

Training Courses

- Hydraulic and Pneumatic course from prolific system in Delhi.

SOFTWARE PROFICIENCY

- **2D- Auto cad**
3D- Solid works

- Office suite: MS-office.

PERSONAL PROFILE

- Date of Birth : 27/06/1992
- Gender : Male
- Marital status : Unmarried
- Languages Know : English and Hindi (Read and Write)
- Permanent Address : Hno.7, lane no.8, Naterkotain, Barnai, Jammu

Reference

- Vimal Viswanathan
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