**RESUME**

**Aditya raj**

Village-bargaon, **E-mail:** aditya.raj.bargaon@gmail.com

P.O.-bargaon, **Passport No: P2765637**;( Expiry Date: 25/12/2026)

ajimabad, bhojpur-802201, **HP:** +91-9929393487,07793811260,

bihar, India,

*A highly dynamic team player, having* **Bachelor Degree** *in the field of* **Mechanical Engineering** *with* **3years** *of technical experience in Engineering,* **Commissioning** *and* **Maintenance of Static & Rotating Equipment’s** in **Oil & Gas Industry.**

*Seeking a challenging assignment where my technical, analytical and problem solving skills will be utilized effectively for mutual growth*

**ACADEMIC QUALIFICATION:**

* ***B.Tech. in Mechanical Engineering dr mgr educational and research instuite university chennai India in 2008.***
* Inter mediate from mahant hanuman saran callege rajapur nainpura patna,bihar, India.
* High School from ekwari high school ekwari bihar, India

**CAREER PROFILE:**

**July20 to till date:**

* Name of organization : **CairnIndia limited(Onshore Exploration and production)**on Pay Roll **Priserve Infrastructure Pvt.Ltd.**
* Post held : Mechanical engineer.

**June 02 to July’15:**

* Name of organization : **CairnIndia limited(Onshore Exploration and production)**on Pay Roll
* **unique engineering company.**
* Post held : Mechanical Engineer.

**Equipment Handled:**

* I have done commissioning and maintenance and troubleshooting *Progressive Cavity Pump* of Netzsch. Replaced the mechanical seal, SM seal, connecting rod, stator, rotor and bearings.
* I have done commissioning and maintenance of *Screw Compressor* of Atlas Copco and carried out replacement of MPV and unloader valve maintenance and bearings.
* I have done commissioning and maintenance and troubleshooting of GOMA, Dominator and CAT *Triplex Plunger Pumps*.
* I have done commissioning and maintenance and troubleshooting of SPX double acting double diaphragm Polymer injection pump. Replaced the bearing, gear, diaphragm, connecting rod, Oil seal NRV installation etc.
* I have done commissioning and maintenance and troubleshooting of Swellore and V.K. Pumps Ind. Pvt. ltd. Chemical Injection Dosing Pumps of operating pressure 214 bar. Carried out diaphragm, gate valve, connecting rod, NRV installation.
* I have done commissioning maintenance and troubleshooting of centrifugal Pumps agitaror,maturation tank. Replaced the mechanical seal and bearings etc.
* I have worked on mechanical seals replacement and troubleshooting carried out.
* I have worked on bearing replacement of rotating equipment like compressor, centrifugal and positive displacement Pumps, Gear box.
* I have done maintenance of many type conveyors like belt, bucket, and roller chain.
* I have done preventive maintenance and troubleshooting of Engine.
* I have done planning and Erection of static and rotary equipment as per drawings.
* I have executed the repairing of Carbon Steel, Stainless Steel, DSS, HDPE and PVC piping and its fittings.
* I have done Hydro test of Equipment’s like Heat Exchanger, Air Receiver Vessel, High Pressure water filter vessels, Pig launcher barrels, etc. and Piping.
* I have done Maintenance of static equipment’s like Sand separator, Fuel gas scrubber, MP and LP separator, Cartridge filter, Heat Exchanger, Valves like Globe, Ball, gate, and FCV, SDV, NRV.
* *Master Flow and Cameron Choke valve* maintenance, troubleshooting carried out.
* *Well head* valves greasing and integrity.
* I have done Calibration and maintenance *of PSV* and *PCV*.
* I have done annual inspection & load testing of Lifting tools and tackles.

**JOB Responsibilities:**

* Planning and Execution of equipment’s maintenance activities like preventive maintenance, Predictive maintenance, shut down maintenance, Trouble shooting, MOC & monthly condition Monitoring and LLF.
* Maintaining proper records of material’s stocks for maintenance.
* Planning and execution of man power.
* Responsible for appropriate permit to work and JSA.
* I am familiar with company Health, Safety, Environment and Quality.
* Familiarity with H2S operations.
* Maintaining the SMP (Standard Maintenance Procedure).
* Planning and responsibility of Hydro test of equipment’s and Piping.
* Planning of Erection of static and rotary equipment’s and its auxiliaries as per drawings.
* Planning and Execution of day to day inspection of fit-ups, visual dimension, orientation and welding detail.
* Planning and execution of Fabrication and Erection piping and its fittings as per drawings.
* Creating as built drawing according to site modification.
* Test pack cleared, Punch list update.
* Pre-commissioning/commissioning activities done of Oil, Water Injection and Polymer Injection Wells and Polymer Injection & CI dosing Pumps in Well Pads
* Overall optimization of all mechanical processes and procedures. Ensure proper maintenance and upkeep in co-ordination with other departments; Ensuring long term and effective operations of the equipment. Achieving the long-term goals of the group.

**TECHNICAL EXPOSURE & KEY TECHNICAL SKILLS**

* I have knowledge of P&ID and Isometric drawings.
* I have knowledge choke valve operation and maintenance.
* I have knowledge in understanding Pump Performance characteristic curves and selection parameters.
* I have knowledge in API flushing plans. Practical Knowledge in operation and installation of Mechanical Seals, Servicing, Troubleshooting.
* Hands on Experience in Commissioning, Troubleshooting& Overhauling rotating equipment like compressor, centrifugal and positive displacement Pumps etc.
* Hands on Experience in Hydro test of Equipment’s likes like Heat Exchanger, Air Receiver Vessel, High Pressure water filter vessels, Pig launcher barrels, etc. and piping.
* I have knowledge Nitrogen plant operation and maintenance
* Hands on Experience in Alignment of equipment.
* Familiar with Plant Maintenance module/ material in SAP.
* I have knowledge in fabrication and erection of piping and equipment’s.

###### **TRAINING DONE in CAIRN INDIA:**

* Permit to work
* H2S Awareness
* First Aid Training
* Fire Fighting
* SCBA
* IMIST

###### **COMPUTER PROFICIENCY:**

* Operating System: Windows XP, Windows 7
* MS Office
* Plant Maintenance module/ material in SAP

**PERSONAL PROFILE:**

Father’s Name : Mr. aditya raj

Date of Birth : 16th may, 1992

Marital Status : unmarried

Passport No. : J1067535 ( Expiry Date: 25/05/2026)

Languages known : English, Hindi, bhojpuri

**DECLARATION:**

I hereby declare that the details furnished above are true to the best of my knowledge.

Place: barmer (aditya raj)