CURRICULUM VITAE

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I aim to assume a position of responsibility at an appropriate level in your organization, which will utilize my abilities & interests while providing opportunity for growth and advancement, both for the organization and for myself.



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A competent professional with **7years 11 months** of cross-cultural experience in

- **Construction Equipment Maintenance** - **Customer Support Engineer**

* Well versed with maintenance & troubleshooting of stationery equipment’s likePower Generators, Stationery Concrete Pump, Welding Generators, Welding Rectifiers, Pumps, etc.
* Maintenance, Servicing and troubleshooting of transport and Earth Moving Equipment’s likeTransit mixer, Concrete Pump, Excavators, Wheel Loaders, Back hoe loader , Soil Compactors, Diesel Operated Air Compressors, Tippers, Trailers Etc.
* In time scheduled maintenance of Excavator CAT 302D ,Backhoe loader CAT 424B, Wheel Loader JCB 430Z, Single & double drum type Soil Compactor Greaves Bomag BW 212, Skid skit steer loader Bobcat S450.
* Performing maintenance activities such as replacing engine oil, transmission oil, Power steering oil, hydraulic oil and oil filters to achieve smother running of vehicles and ensure compliance with pollution regulations.
* Performing maintenance activities with aim of "Safety First" on site & at workshop.
* Ensure the fitment of Pre start Horn, reverse horn, lights functions, front & rear view mirrors, load indicators before deputing each equipment at site.
* Closing of Non compliance by Safety Engineer for each equipment- For Example not working of safety accessories fitted like reverse horn, reverse light, Side indicator, Rotary lamp, Pre-Start Horn on construction equipment at weekly basis.
* Performing maintenance activities on transport equipment like tippers, trailers & transit mixers, model handled are AMW make 2518TP, 4018TR, 2518TM.
* Repairing and replacing of worn out and faulty parts and assembling the mechanical components of engine, transmission, steering system, engine cooling system.
* Performing repairing of engine starting system, battery charging system.
* Testing and repairing of electric system, checking & maintenance of Batteries.
* Inspect and service engine steering system such as power steering, hydraulic operated steering.
* Repairing & replacement of engine forced induction system such as turbo chargers.
* Repairing & replacement of braking systems used for backhoe loaders, wheel loaders & transport equipments.
* Maintenance, servicing and troubleshooting as well as assembling, disassembling & mobilization of lifting equipment’s likeCrawler Cranes, RT, AT & Truck Mounted Cranes, Articulated Hydraulic Cranes etc.
* Planning of spares on the basis of forecasting the condition of machine parts and modes of failure.
* Well conversant with Multidisciplinary working Environment & Co-ordination.
* Implementation of 5S in Spares store to avoid Down Time.

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**- For A Self Loading Mobile Mixer:**

**- Make – Apollo Carmix, Models- 25 FX and 4TT.**

* Well versed with maintenance & troubleshooting.
* Follow Apollo Core values quality, safety, environment while machine service activities & troubleshooting at site & workshop.
* Trained for both mentioned machine for its assembly, dismantling, hydraulic circuits and electrical circuits.
* Responsible for Installation, commissioning & operation training of equipment delivered at site.
* Follow Apollo Core values quality, safety, environment while machine service activities & troubleshooting.
* Changing & replacing of faulty mechanical parts if they cannot be repaired else repair them as per referring with repair manual provided.
* Replacement of Hydraulic control valve, pressure adjustment of control valve.
* Doing Periodic maintenance, repairing & overhauling of Limited slip differential fitted in machine.
* Repair job of hydraulic brake, repairing of brake master cylinder & its seal kits.
* Involved in the technical problems arises to the customers regarding the machine and troubleshooting of problems of Engine.

**- For Material Handling Equipment:**

**- Make – TOYOTA & BT**

* Well versed with Periodic Maintenance & troubleshooting Toyota & BT Counterbalance forklifts.
* Trained for operation & maintenance of Toyota & BT model trucks.
* Installation, maintenance, repair and commissioning of material handling equipment like forklifts, Reach trucks, Low lift walkie trucks, Stackers. Models-8FD50N, FDZN30, RRE250E
* Performing troubleshooting of trucks by referring Repair Manuals of each trucks with proper techniques.
* Inspection, troubleshooting, dismantling & Repair of AC and DC electric motors, electric circuits, charging system and starting system using Multi-meter, Megger tester.
* Assembling engine & transmission system from machine, replacing damaged parts, tune up the fuel system & re-fitment of it on trucks.
* Troubleshooting of engine starting system, battery charging system by checking components through multimeter.
* Scheduled maintenance and repairing of drum brake components of Counterbalance forklifts using brake spring retainer, check-nut spanner.
* Diagnosing and testing of Input output of electrical parts with assistance of Truckcom & CAN Key using software on BT brand trucks.
* Testing of automatic transmission system by using stall test to diagnose & overhaul transmission.
* Testing, replacement, repairing & tuning of hydraulic components such as pumps, control valve, pressure relief valve, pressure regulating valve, orbital valve, priority valve using pressure gauge , adaptors with proper techniques.
* Replacement & assembly of fuel pumps from engine with proper injection timing using dial gauge by referring service manuals provided by OEM.
* Replacement, repairing of final drive components such as propeller shaft, differential & hub greasing activities to minimize the wear & tear of parts to maximize uptime.
* Providing the training for operation & maintenance of truck at the time of truck installation.
* Attaining the flameproof trucks (Pyroban & Mieretti) by having Authorised Certification from Manufacturer.
* Generating Technical report & Warranty request for parts failure for trucks under warranty.
* Doing Health checkups of truck as per Health check-up sheets.

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**05.09.2011 to May 2016: Essar Projects India Limited, as Engineer –HED Division**

1. **Essar Projects India Limited, Paradeep(ORISSA), September 2011 – May 2015 (Engineer– Heavy Equipment Division)**

***Role:***

* Mechanical: Well verse knowledge of Installation, Periodic Maintenance, Breakdown maintenance of Construction Equipments used at site.

1. **Apollo Carmix Equipments Pvt. Ltd., Rajpur (Gujarat), July- 2015 to May-2016 (Customer Support Department)**

***Role:***

* Responsible for Commissioning, Testing, Periodic Maintenance and troubleshooting of problems of self loading mobile mixer 25FX & 4TT model.

**18.05.2016 to till date: Toyota Material Handling India Pvt. Ltd., as Customer Service Engineer**

1. **Toyota Material Handling India Pvt. Ltd- Ahmedabad (Gujarat), May-2016 to till Date (Customer Service Engineer)**

***Role:***

* Responsible for Installation, Training, Periodic Maintenance and troubleshooting of problems of Toyota & BT model Trucks.
* Minimization of truck downtime by maintaining Turn-Around Time for TOYOTA.



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* Attended training on Self Loading Mobile Mixer of Apollo Carmix Equipments Pvt. Ltd.
* Certified to work on Toyota Truck by clearing Toyota Step-1 & Step-2 Training.
* Certified to work on Toyota & BT flameproof Truck by clearing Flameproof (EX) Pyroban & Mieretti training.
* Certified to work on BT Truck by clearing BT Step-1 & Step-2 Training.



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* Diploma in **MECHANICAL ENGINEERING** in JUNE 2011(3 Years) from NIRMA UNIVERSITY with **77.4%**.
* HSC (Physics, Chemistry & Maths) in June 2008 from GSEB Board with **55.40** %.
* SSC in June 2006 from GHSEB Board with **Distinction 87.29**%.



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* Date of Birth : 10th August 1991
* Languages Known : English, Hindi and Gujarati
* Marital Status : Married
* Gender : Male
* Nationality : Indian



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## I hereby declare that above information is correct to the best of my knowledge and belief.

Yours Sincerely,

**Mohammadirfan Patel**