



MD. SALMAN

Mechanical Engineer

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OBJECTIVE

Seeking a position in an organization where I can contribute my knowledge and technical skills to the organization and enhance my experience through continuous learning and teamwork.

ACADEMIC DETAILS

Courses	University/ Board	Institute	Year of passing	% /CGPA
B. Tech. (Mech.)	J.N.T.U.H	St. Mary's Integrated Campus, Hyderabad (JSMIE)	2016	66.13 %
Higher Secondary	B.S.E.B	A.N.S. College, Jehanabad	2012	70.6 %
SSC	C.B.S.E	D.P.S. Gaya	2010	7.0 (CGPA)

EXPERIENCE

Experience 1:

- Company : SRK Constructions & Projects Pvt. Ltd.
- Designation : Graduate Engineer Trainee
- Duration : 07th July 2016 to 12th July 2018.
- Location : Adoni to Chintakunta (55 Km), NH-167, Andhra Pradesh.

- **Responsibilities** : Worked as GET in plant and machineries Dept. Maintaining the Optimum availability of Equipment in Good Condition, Preparation of Daily Progress, Daily Breakdown, Maintenance, and Work Order for Hire Machinery & vehicle, hire Bills, Utilization of Plants & Machineries. Monitoring to operational & breakdown repairs of Machineries with ensuring availability of spares. Purchase Order, Equipment transfer from other sites.

Experience 2:

- **Company** : Alba Aluminium Bahrain (SMS WLL)
- **Designation** : Inspection Operator (QC)
- **Duration** : 13th Nov. 2018 to 10th Feb 2020.
- **Location** : Askar, Bahrain
- **Responsibilities** : Worked as plant inspection operator in Gas Treatment plant in operation support service dept. Daily inspection of Plant machineries, checking of Alumina Leakage, pressure of gas by taking safety measures. Inspection of airslides, airlift, silo, filters, stack, gases. Raising notification on SAP related to production breakdown & PM. Monitoring smooth flow of plant from control room.

PROJECT DETAILS

PROJECT 1:

Title : **Elotherm Induction Hardening Machine**

Description : Induction heating the metallic work piece component (e.g. Crankshaft) is exposed to an electromagnetic alternating field by current which is carried by coil. Heat treatment involves the use of heating or chilling, normally to extreme temperatures, to achieve a desired result such as hardening or softening of a material. Heat treatment techniques include annealing, Induction- hardening , strengthening, tempering and quenching.

- **Organization** : **TATA Motors Ltd. Jamshedpur**
- **Duration** : 21 June to 19 July, 2014
- **Role** : Team Leader

PROJECT 2:

Title : **“Maintenance of Regenerative Air- Pre Heater”**

Description : The main Objective of this project is to increase efficiency of boiler by increasing performance of Regenerative Air Pre-Heater by different parameter like reducing leakage using seals & preventing it from Corrosion. As percentage of leakage increases to 10% it may damages seals this lowers the performance of APH & thereby increasing power consumption of the fans & there reducing the efficiency of the boiler. Preventing RAPH from

Corrosion by maintaining it on minimum temperature of RAPH outlet flue gas at 130°C. If it is not maintained, then this leads to corrosion of the air heater elements. Recording daily parameter is necessary.

- **Organization:** JNTUH
- **Role:** Team Member

FIELD OF INTEREST

- Manufacturing & Production
- Oil & Gas
- Construction & Projects

TECHNICAL SKILLS

- CNC Milling (BFW-FANUC)
- AutoCAD
- MS Office

INDUSTRIAL EXPOSURES

- **Industrial Visit at** : Nuclear Fuel Complex Hyderabad
- **Implant Training at** : Tata Motors Ltd. Jamshedpur

ACHIEVEMENTS

- Participated and won prizes in English Essay Competition at school
- Won prizes in Quiz Contest at School level

STRENGTHS

- Positive Attitude
- Straight forward
- Flexibility
- Hard working

HOBBIES

- Bike Touring
- Gardening
- Fitness

PERSONAL INFORMATION

- **Father's Name** : Md. Shahid Jamal
- **Date of Birth** : 05-04-1995
- **Gender** : Male
- **Marital Status** : Unmarried
- **Nationality** : Indian
- **Passport No.** : **N5404941**
- **Date of Expiry** : 26-01-2026
- **Address** : 107,Hussaini Mohalla, Zakirnagar, P.O+P.S: Azadnagar ,
Dist: East Singbhum,Jamshedpur,Jharkhand-832110

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place: Jamshedpur

(MD.SALMAN)