

## **RESUME**

**ADDRESS:** - Kalaiya Ward No 1, District Bara, Nepal.

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### **MASUK ALAM**

#### **Career Objective:**

To utilize my technical and communication skills in exploring out the innovative ideas for the betterment of organisation.

#### **Technical Competencies:**

- Well command on Auto-CAD software.
- Good knowledge of Documentation.
- Good knowledge of Manufacturing Process.
- Good management skills for line operations.
- Good Presentation Skills.
- Good command on Microsoft Office.
- Good knowledge of Rebars Rolling Operations and Technology.
- Good knowledge of Drives and automation
- Good knowledge of Solid Works

#### **Self Assessment Of Personal Qualities:**

- Good communication skills (whether it is collaborative communication or Personal communication).
- Team Player.
- Analytical approach.
- Good leadership skills.
- Good statistical and analytical skills.
- Ambitious and goal oriented.
- Desire to learn & improve.
- Enthusiasm to turning challenges into possibilities.
- Passionate about work and believe in giving the best.
- Ability to perform under stress

## Professional Training & Experience

**Visit:** Marsyangdi Hydropower Station, Nepal

**Duration:** 2 Days

**Industrial Training:** Tata Motors Limited, Lucknow.

**Duration:** Four Weeks

**Training Coverage:** INTEGRAL BUS FACTORY-Various Line operations, WIS, Protecting of electrical components at yard

**Auto-CAD Course:** - CADnCAM India, Lucknow.

**Workshop:** - At TRYST'15 IIT DELHI (In Automobile Mechanics & IC Engine).

: - ABB Technology Day, on Drives and automation in Cement and steel industry.

**Training:** NSK Bearing, Thailand.

**Duration:** 2 Days

▪ **Working at Hama Iron & Steel Ind. Pvt. Ltd., Simara as Senior Mechanical Engineer since October 2016.**

❖ **Responsibilities Handling**

- TMT Production planning
- Monitoring the Quality department.
- Troubleshooting the operational issues
- Monitoring the furnace.
- Spares finalization and their quality checking
- Leading the entire technical team
- Handling new projects
- Preparing monthly and annual production reports
- Moderating daily meetings
- Manpower planning

❖ **Worked at**

- Erection and commissioning of Oil circulation system (OCS) for gear box of rolling stands.
- Erection and commissioning of Hydraulic Power packs.
- Erection and commissioning of air compressor.
- Erection and commissioning of hydraulic operated bar transfer system.
- Erection and commissioning of Material Handling System ( Bar Bundling and Bending Machine)
- Erection and Commissioning of Roughing Mill
- Erection and Commissioning of EOT and Goliath Crane
- Erection and Commissioning of Recuperator unit in Furnace

**Academic Credential:**

COURSE	INSTITUTE	UNIVERSITY/BOARD	YEAR	PERCENTAGE
B.TECH IN MECHANICAL ENGINEERING	MCSCET	UPTU	2016	77.6
INTERMEDIATE	Little Angels' College, Kathmandu.	HSEB, Nepal	2012	83.1
HIGH SCHOOL	International English Boarding School, Nepal.	SLC Board, Nepal	2010	88.62

**Certificates And Achievements:**

- Awarded the “Certificate of Merit” for the topper of Mechanical Department in first year of B.Tech.
- Awarded the second prize in the Indo-Nepal Essay Competition organized by Indian Embassy.
- Awarded as the topper of High School Exam.

**Academic Project: Adsorption Refrigeration System using Solar Power**

- **Description:** We used the concept of adsorption and replacing the compressor of conventional refrigeration system with the adsorber bed which contains cheap and eco-friendly coolant (Water) in place of harmful CFC's for cooling effect.
- **Team Size:** 5 Members.
- **Role:** Model Design, Technical support, data collector.

**Hobbies/Interest:**

- Passionate about automobiles.
- Computer applications and software.
- Music

**Personal Details:**

- **D.O.B** : 27<sup>TH</sup> July 1995.
- **Father's\_name** : Mahtab Alam
- **Marital Status** : Single
- **Nationality** : Nepalese
- **Languages known** : Nepali, English, Hindi.

**Declaration:**

I do hereby declare that all the information provided above is true to the best of my knowledge and belief.

**Date:** 4/20/2021

**Place:** Kalaiya, Nepal