

## **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>B.TECH IN MECHANICAL ENGINEERING</b>	<b>MCSSET</b>	<b>UPTU</b>	<b>2016</b>	<b>77.6</b>
<b>INTERMEDIATE</b>	<b>Little Angels' College, Kathmandu.</b>	<b>HSEB, Nepal</b>	<b>2012</b>	<b>83.1</b>
<b>HIGH SCHOOL</b>	<b>International English Boarding School, Nepal.</b>	<b>SLC Board, Nepal</b>	<b>2010</b>	<b>88.62</b>

## 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