IRFAN

MECHANICAL ENGINEER

Experienced, organized Mechanical Engineer with a background in project management. In possession of strong communication and leadership skills due to professional experience as a worker and oﬃcer.



# WORK EXPERIENCE

## Operations Oﬃcer

### High Range Coffee Curing Pvt Ltd

*11/2017 – 12/2019*

*Achievements/Tasks*

Spearheaded project designing mechanical systems for new high scale production factory. Implemented Solid Edge for computer aided designs.

Coordinated employees and resources throughout the entire product cycle. Organized the machine operation in proper time without any delay.

Investigate problems, analyze root causes and derive resolutions. Optimized business processes to foster operational eﬃciency.

*COORG*

Established positive and effective communication among unit staff and organization leadership, reducing misunderstandings and late tasks.

Established eﬃcient workﬂow processes, monitored daily productivity and implemented modiﬁcations to improve overall effectiveness of personnel and activities.

Improved customer satisfaction scores through application of superior conﬂict resolution and problem-solving skills. Kept physical ﬁles and digitized records organized for easy updating and retrieval by authorized team members.

## Shutdown Work Trainee

### AVT Naturals

*08/2017 – 10/2017*

*Achievements/Tasks*

Maintenance & repair of compound gears, shafts. Maintenance & repair of ﬂanges, FBD. Maintenance of Pre Treatment plant machineries.

*Aluva, Ernakulam*

# GENERAL SKILLS

Time Management

Project Management

Teamwork

Communication

Leadership

Problem solving

**EDUCATION**

## B.TECH in Mechanical Engineering

### MAHATMA GANDHI UNIVERSITY

*05/2013 – 05/2017*

*Courses*

DYNAMICS OF MACHINERY MECHANICS OF MACHINES

GRAPHICS FLUID DYNAMICS

*Kottayam*

## Higher Secondary in Computer Science

### DR ZHM BHARATIYA VIDYA VIHAR ( CBSE )

*2011 – 2013*

*Changanacherry, Kerala*

# PROJECT AND INTERNSHIP

#### Electromagnetic Reciprocating Engine

Developed a system that converts electric energy into reciprocating motion by using electromagnetic effect. Concept of zero point fuel consumption.

The general property of magnet, attraction and repulsion forces is converted into mechanical energy.

The useful output is rotating motion and the application is based on electromagnetic engine which varies from different ﬁeld.

#### Internship at Josh Designs Ltd, authorized service station of Force Automobiles

Maintenance in Engine Room, Traveller Alteration Section, Clutch and Pump Section. Repair of engine inlet valve, cylinder and piston parts.

Maintenance of speedometer and clutch parts.

# INTERESTS

 Designing  Mechanics Automobile  Heat Transfer

# PERSONAL PROFILE

#### Age : 24 Nationality : Indian

Marital Status : Single

#### Visa : Visit, Valid till 25 April 2020

Passport Validity : ( Valid Till 07/03/2028 )

# LANGUAGES

ENGLISH

*Full Professional Proﬁciency*

MALAYALAM

*Native or Bilingual Proﬁciency*

HINDI

*Professional Working Proﬁciency*

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