######  Email: amal.383630@2freemail.com

### Experience



AMAL

 **MECHANICAL DESIGN ENGINEER**

# Objective

MECHANICAL DESIGN ENGINEER WITH 6+ YEARS EXTENSIVE EXPERIENCE.STRONG FAMILIARITY WITH METAL FABRICATION AND MACHINING.

## Skills & Abilities

* ABILITY TO HANDLE PLANT OPERATIONS.
* COASTING AND EXECUTION NEW PROJECTS
* GOOD KNOWLEDGE IN FABRICATION &CRYOGENIC TANK REPAIR
* KNOWLEDGE SAFETY.
* CONTROLING ALL QC DOCUMENTAIONS.
* ABILITY TO HANDLE PROJECTS.
* UNI-GRAPHICS 3D – 2D
* AUTOCAD 2018
* PRODUCT DESIGN AND DRAFTING
* SKID FABRAICTION DESIGN
* SPECIAL PURPOSE MACHINE DESIGN
* PIPE ROUTING
* PHOTOSHOP
* TOOL DESIGN
* FIXTURE DESIGN
* LPG FILLING PLANT DESIGN.
* CONVENTIONAL MACHINE OPERATIONS.
* REVERSE ENGINEERING

#### ISIAN ENGINEERNG FZCO DUBAI (OIL & GAS SECTOR)

##### **DESIGN ENGINEER.**

##### DATES: MARCH 2016 TO CURRENT

* Skid mounted assemblies design. (3D & 2D).
* Generating P&ID.
* Pipe routing. (3D & 2D).
* Cryogenic gas vaporizer design development & calculations.
* Cryogenic tank repair.
* Develop new unique products design and fabrication.
* Taking care of all fabrication works like skids and vaporizer.
* Onsite project execution. LPG plant , LNG changeover system, various pipe line .and PRS systems.
* Handling all projects design , fabrication , procurement , certification,
* Bill of material and initial coasting preparation.
* Interpreted blueprints, technical drawings, schematics & computer generated reports for new product development Special purpose machine design and fabrication.
* LPG filling plant design
* Hydro test and pneumatic test procedure for storage devices and pipe manifolds.
* Plant plot design and layout**.**

#### VEM TECHNOLOGIES PVT LTD (AEROSPACE SECTOR)

##### **DESIGN ENGINEER**

##### DATE: JUNE 2012 – MARCH 2016

* Created parts for various fabrication methods, including machining, sheet metal and injection moulding.
* Fixture designs (milling, welding)
* Tool Design & Manufacturing
* Coordinate all aspects of production, including the selection of manufacturing methods, fabrication & operation of product design
* Completed project mechanical design while providing technical solution feedback.

#### SFO TECHNOLOGIES PVT LTD (AUTOMOBILE SECTOR)

##### **TOOL AND DIE MAKER**

##### DATE: APRIL 2010 – MAY 2011

* Trouble shooting of press tool &mould.
* Preparing & evaluating drawings for manufacturing tools and mould parts.

# PERSONAL DETAILS:

Date of BIRTH: 02 - 10 - 1989

GENDER: MALE

MARITAL STATUS: MARRIED.

NATIONALITY: INDIAN

LANGUAGE KNOWN: ENGLISH, HINDI, MALAYALAM, TAMIL, TELUGU

* Follow up for tool &mould parts for development & maintenance with the vendor.
* Assembly & Dismantling of press tool & plastic moulds.

### Education

## POST DIPLOMA IN TOOL DESIGN **from** CENTAL INSTITUTE OF TOOL DESIGN (CITD INDIA)

Completion date : 2012

## DIPLOMA IN TOOL & DIE MAKING **from** KELTRON TOOL ROOM REASEARCH AND TRAINING CENTER (KELTRAC)

Completion date : 2010

## SECONDARY EDUCATION  **from** NSS HSS PARAKADAVU.

Completion date : 2007

### CERTIFICATE COURCES:

ADVANCED CAD-CAM (NX, PROE, CATIA, AUTOCAD).