**Gulfjobseeker.com CV No:** **1244598**

**Mobile** +971505905010cvdatabase[@]gulfjobseeker.com

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**RESUME**

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**CAREER OBJECTIVES**

Seeking a challenging position to utilize and deliver my educational & training skills and abilities, where there is scope for teamwork and professional growth, constant learning is a part of the day to work and willing to contribute my full effort to grow up along with the organization.

**AREA OF INTEREST**

Piping Design and Engineering & Construction for

* Oil and Gas Industries
* Refineries and Petrochemicals industries
* Power Plant
* Automobile Industry
* Manufacturing Units

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the course** | **Name of the institutions** | **University / Board** | **Year of passing** | **Marks Secured** |
| BE in Mechanical | The Kavery Engineering College, Mecheri, Salem | Anna University Chennai | 2013 | 67.66% |
| Diploma in Mechanical Engineering | Kongu Polytechnic College, Perundurai, Erode-638052. | Directorate of Technical Education, Tamil Nadu | 2009 | 60% |
| SSLC | Sri Vidhya Mandir Matric Hr.Sec School Salem Steel Plant, Salem-636030. | Matriculation | 2006 | 67% |

**PROFESSIONAL COMPUTER SOFTWARES & TECHNICAL SKILLS**

* Auto CADD from CADD Centre
* Pro-E from Kongu Polytechnic College, Erode
* CATIA from CADD CENTRE
* Advanced Diploma in Computer Application and Java
* Diploma in Dot NET from CSC Computer Education, Salem
* Post Graduate Diploma in Piping Engineering (PDMS and CAESER II)
* Non-Destructive Testing (NDT) in (Ultrasonic Testing (UT), Magnetic Particle testing (MT), Liquid Penetrant Testing (LT), Radiography Testing (RT), Visual Testing (VT))

**IN-PLANT TRAINING ATTENDED**

* Shridhan Automation Pvt.Ltd Kumbalagodu, Bangalore during the period from 24-11-2011 to 28-11-2011
* Steel Authority of India Limited (SAIL), Salem Steel Plant, Salem during the period from 1-1-2008 to 14-1-2008
* Tata Projects Limited, Tirupur on 31-10-2007 based on Common Effluent Treatment Plant

**PROJECT WORKS DONE DURING MY EDUCATIONAL CAREER:**

1. **During DIPLOMA IN MECHANICAL ENGG:-**

**Project Name : Fabrication of hovercraft**

A Hovercraft is a vehicle that glides over a smooth surface by hovering upon an air cushion. It is otherwise known as Air Cushion Vehicle (ACV).Hovercraft use fans or propellers to generate two streams of air, one for forward thrust and one for lift. Lift air is contained under the craft by a Flexible Skit, enabling the hovercraft to lift clear of the surface.

**Our project were AWARDED AS THE BEST PROJECT WORK DURING THE YEAR 2008-09**

1. **During B.E IN MECHANICAL**
2. **MINI PROJECTS INVOLVED**

**Project Name: Fabrication of Unconventional Air Compressor**

Energy is important factor in today’s world whatever it may be done without energy will be important one. It can be used as a turbo charger when it is fed into air intake of the combustion engine.

1. **MAIN PROJECTS INVOLVED**

**Project** **Name: Experimental Investigation on TIG Welding Using Austenitic Stainless Steel**

In this TIG Welding we have welded eight samples of Austenitic Stainless Steel of 304 grades out of which first four are welded with filler rod using 308 grades and second four are welded without using filler rod 308 grade under various temperatures such as 40, 50, 60 and 70 respectively. These samples are being tested in the CRM-MECHANICAL lab in Salem Steel Plant, Salem. The various tests such as:

* Tensile Test
* Bend Test
* Microscopic Test

**Tensile Test:**

In this test we have concluded that the first four samples of Austenitic Stainless Steel are broken on the parent material when these samples are welded with filler rod 308 grade.

In this test we have concluded that the second four samples of Austenitic Stainless Steel are broken on the welded region when these samples are welded without filler rod 308 grade.

From this we have concluded that without using filler rod in the Austenitic Stainless Steel the breakage takes place only in the welded portion. So we have chosen only usage of filler rod in the Austenitic Stainless Steel.

**Bend Test:**

In this test we have concluded that the first four samples of Austenitic Stainless Steel are bended on the parent material when these samples are welded with filler rod 308 grade.

In this test we have concluded that the second four samples of Austenitic Stainless Steel are bended on the welded region when these samples are welded without filler rod 308 grade.

From this we have concluded that without using filler rod in the Austenitic Stainless Steel the bended takes place only in the welded portion. So we have chosen only usage of filler rod in the Austenitic Stainless Steel.

**Microscopic test:**

In this test all the eight samples of Austenitic Stainless Steel are being inserted in the cold setting compound of 400 grams powder and the paste of 400 ml. They are grinded in the grinding machine using grinding paper like 120, 180, 240, 320, 400 and 600 respectively. After grinding the material is being polished by the diamond paste and etched. Then this material is being tested in the microscope to find out the microstructure results.

**THIS PROJECT WORK DURING THE YEAR 2012-13 SECURED 100% MARKS**

**PERSONAL DETAILS**

Gender : Male

Marital Status : Un-Married

Languages Known : English, Tamil, Hindi and Sowrastra