**SHAHEEN**

Email: Shaheen.373694@2freemail.com



**Mechanical engineer**

**OBJECTIVE**

To work in a meaningful and challenging position that enables me to develop myself as a professional and permits scope for advancement.

**PROFESIONAL EXPERIENCE**

**TVS Sundaram Fasteners Limited**



**Chennai, India**

TVS Sundaram Fasteners Limited is a global leader, manufacturing critical, high precision components for automotive, infrastructure, windmill and aviation sectors. Company’s product range includes cold extruded parts, powder metal parts, radiator caps, gear shifters, water pumps, oil pumps, fuel pumps etc.

**Responsibilities:**

• Design or redesign mechanical and thermal components using analysis and computer-aided design.

* Develop and test prototypes of designed components

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| • | Analyze | problems to see how mechanical and thermal processes might help solve the problem. |
| • | Analyze | the test results and change the design as needed. |

* Oversee the manufacturing process.

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| **Designation** | **: Mechanical Design Engineer** |  |
| **Duration** | **: 1 year** |  |
| **Job synopsis** | **: Computer Aided Designing and Quality Analysis** |
| **Ashok Leyland Ltd** |  |
| **Chennai, India** |  |
| Ashok Leyland | Ltd is one of the largest manufacturer | of buses and trucks in the world. Ashok Leyland also |
| makes spare parts and engines for industrial and marine | applications. In the case of vehicle testing, Apart from |



a modern CAD set-up and a Computer Testing, Laboratory is a comprehensive array of test tracks for vigorous

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| testing of prototypes in the most demanding | of conditions. |
| **Responsibilities:** |  |  |
| • | Develop designs | for mechanical | devices and equipment. |
| • | Discuss material | options or other needs related to the product. |
| • | Reviewing specifications and other data to develop mechanical layouts. |

* Testing of balancing conditions of engines.

**Designation** **: Assistant Design Engineer**

**Duration** **: 6 months**

**Job synopsis : Catia Design Development and Engine Testing**

**PERSONAL SKILLS**

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| • | Extensive | knowledge in production process, CNC Operations and quality analysis. |
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| • | Expert in design software CATIA and Unigraphics NX(Siemens). |
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| • | Ability to grasp and learn new things and work under pressure. |
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| • | Effective | and efficient time management skills. |
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| • | Excellent | team player and coordinator and have leadership skills. |
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| • | Good communication skills and self-motivated. |

**EDUCATIONAL CREDENTIALS**



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| **Year** |  | **Course** |  | **Board/** |  | **Institution** |  | **Marks** |  |
|  |  | **University** |  |  |  |
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| 2016 |  | B. tech |  | CUSAT |  | Toc H Institute Of Science And |  | 6.69 GPA |  |
|  |  |  | Technology |  |  |
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| 2011 |  | 12th |  | Kerala |  | Bethany St. Johns Higher Secondary |  | 92% |  |
|  |  |  |  |  |  | School |  |  |  |
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| 2009 |  | 10th |  | Kerala |  | I.C.A. Higher Secondary School |  | 90% |  |
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**INDUSTRIAL ORIENTED TRAINING**

* Automotive design using **CATIA V5** from **Ashok Leyland Technical Centre**, Chennai

The training includes the guidelines of automotive design, surface modeling considering the aerodynamic

properties, controlled material designing using simulation.

* Expertised 2-year training in **Unigraphics NX** which includes all functions of software like solid

modelling surface, modelling, welding, assembly etc.

• Production process training from **Mahindra & Mahindra** in aerospace, automotive, construction equipment, defense, etc. the training comprises of automotive assembly, engine balancing.

**Limited**, Chennai.The group has a presenceenergy, farm equipment, industrial equipme nt testing, mechatronic coordination and vehicle

**PROJECT DETAILS**

**EFFECT OF ADDITION OF NANO PARTICLES ON PURE ALUMINIUM**: Material based project toimprove the mechanical strength of pure aluminium and to advance its application. Utilized Nano properties of titanium dioxide to enhance the hardness of the metal by using advanced stir casting process. The results showed considerable change in mechanical strength

**LANGUAGE SKILLS**

• Excellent communication skill, fluently speaks, read and write **English**.

* Fluently speaks, read and write **Hindi**.
* Able to read and write **Arabic**.
* Mother tongue: **Malayalam**.

**PERSONAL DETAILS**

Date of birth : 28/06/2016

Nationality : Indian

**DECLARATION**

I hereby declare that the above furnished information is authentic to the best of my knowledge.

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