Seeking assignments in the field of mechanical engineering & Designing Skills which would afford me with considerable advancement opportunities to apply my skills, hard work and also ideally to learn continuously on a professional and progressive environment**SUMMARY:**

* Having experience of **4+ Years** in a **CAE/CAD** Software Environment.
* CATIA Certified by Dassault Systems.
* Having experience **900+** Hrs in Software Training to Employees.
* Experience in **ANSYS WORKBENCH, ANSYS FLUENT**.
* Experience in **Hyper-Mesh, NX-Nastran.**
* Experience in **CATIA, Auto-CAD 2D/3D.**
* Excellent at Problem Solving, Root Cause Analysis.
* Ability to quickly learn new software and apply its full range of capabilities.
* Result-oriented **team player** with high standards and reputation for excellence.
* Proven Ability to work both independently and in a Team.
* Effective Team player with excellent communication skills, analytical and computing abilities.

**Academic Qualifications:**

* Bachelor of Technology (Aeronautical ) from Jawaharlal Nehru Technological University, Hyderabad, India (2013)

**Professional work Experience:**

1. **HYDERABD : JULY 2013 to MARCH 2015**

**Position** : CADD Engineer

**Software** : CATIA, AutoCAD, ANSYS, Hypermesh

**Key Project Handled:**

1. **Client : South Central Railway, Hyderabad**

* Project involved for conversion of old Manufacturing drawings into .DWG format using AutoCAD with required dimensions.

1. **Client : Sri Sai Technology, Balanagar**

* Project Involved designing of Grinding Machine using CATIA.
* 3D Model of the machine.
* 2D Drawing
* Preparation of projects and presentation to Corporate and Educational Institutions.
* Responsible for various **TRAINING Coordinating** and Projects on Mechanical Software’s.

Mentoring, coaching, on-the-job or in classroom training, workshops, simulations etc to Partners

1. **HYDERABAD: APRIL 2015 to JAN 2018**

**Position** : Sr. Business Support Engineer

**Software** : CATIA, Nx-Nastran, ANSYS, Hypermesh

**Responsibilities:**

* Worked in Tamil Nadu ,Kerala ,Karnataka ,Andra pradesh & Telangana Regions as a Sr.BS Eng
* Preparation of projects and presentation to Corporate and Educational Institutions.
* Responsible for various **TRAINING Coordinating** and Projects on Mechanical Software’s.
* Mentoring, coaching, on-the-job or in classroom training, workshops, simulations etc to Partners.
* Carrying out projects on **ANSY Workbench ,ANSYS Fluent ,NX-NASTRAN, HYPER-MESH**.
* Providing pre-sales and post-sales technical support.
* Educational Projects on Aero Structure, Static Analysis, Optimization, Response Simulation, Thermal Stress, Pre Stress, Fluid Structural Interaction. Symphonic Analysis.
* Responsible for the awareness and growth of CAE Software’s.
* Provide technical feedback to the product development team.

**Key Project Handled:**

* **Project 1: Front Bumper, MICROCAR LTD**
  + **Software used : CATIA V5(Generative Shape Design)**
  + **Responsibilities/Achievements:** 
    - **Creating B-side Surface & Engineering features** For **Front Bumper** (Wheel Housing end)
    - Multiple proposals making for solving the problems like **Assembly feasibility, gap and flush issues, undercuts and fixations**.
    - Tooling Feasibility of class A surfaces to Styling, Preparation of **Master Section** for design creation of CAD model for Tooling, for new design & development of plastic parts.
    - Design & Develop new concepts proposals for part modification if required.
* **Project 2: Rear Bumper, MICROCAR LTD (GSD, QSR, DSE)**
  + **Software used : CATIA V5(Generative Shape Design, QSR, DSE)**
  + **Responsibilities/Achievements:** 
    - **Computer Aided Reverse Engineering using CATIA V5:** Conversion of **Point Cloud Data** (Scanned Part using Blue Ray) to **parametric model of Symmetric Part of Rear Bumper** (Master Section) using **Digitize Shape Editor** and **Quick Surface Reconstruction.**
    - **Curvature Analysis and Deviation Analysis** performed to check the Deviation in the part from Mesh Data to Parametric Model and rectified the errors for Snap Fit provision and ASSY Feasibility.
    - Understand the feasibility of the component from tooling & quality point of view & making proposal for the changes required for easy manufacturing

**Software Skills (CAD /CAM & CAE):**

* CATIAV5 : Having good knowledge on Part Design ,Wireframe & Surface Design ,

Generative Shape Design, Assembly Design, Drafting & Generative Sheet Metal .

* ANSYS FLUENT : Having good knowledge on Flow mix & heat transfer analysis , Transonic Aerofoil

analysis, Multi species analysis , Turbulence model analysis ,Periodic Heat flow ,

Radiation & convection, Turbulent flow in Heat Exchangers & Siphoning using

Multiphase analysis’s .

* HYPER MESH : Having good knowledge on 3D MESH ,2D MESH & 1D MESH
* NX-NASTRAN : Having good knowledge on Static structural ,Transient structural ,Model ,Buckling

Thermal ,Thermal stress & optimization analysis

* ANSYS WORKBENCH : Having good knowledge on Static structural ,Transient structural ,Model ,Buckling

Steady state Thermal ,Transient Thermal, Thermal stress ,Pre stress model

& Fluid- Structural interaction.

NX-CAM , AUTOCAD 2D/3D ,MS PROJECT ,PPM CONCEPT & PRIMAVERA P6,MS \_Office

**CERTIFICATIONS:**

* **Dassault System** Certified Associate in CATIA V5 R20
* **ANSYS WORKBENCH** Certified by ITA, CADD Centre PVT .Ltd.
* **CATIA**  Certified by ITA, CADD Centre PVT .Ltd

**Area of Interest:**

* Preparing for CATIA Expert and Master Certification
* Preparing for Enovia PLM Certification

**Personal Skills:**

* Excellent verbal, written and communication skills.
* Excellent analytical, presentation and leadership skills.
* Very hardworking, motivated, independent-thinking, and detail-oriented team player.
* Having ability to plan, multi-task and manage time effectively
* Extensive problem-solving skills with an extraordinary ability to multi-task.

**Personal Details:**

Name : HARISH

Email : [harish-392826@2freemail.com](mailto:harish-392826@2freemail.com)

Date of Birth : 13th May, 1992

Languages Known: English, Hindi and Telugu

Address : Bur Dubai

**Declaration:**

I hereby declare that the above mentioned details are true to the best of my Knowledge.

Place: Bur Dubai (HARISH)