**A Satish Kumar**

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# Career objective

To work for an organization that provides me an opportunity to improve my skills and knowledge in

order to grow along with the organization objective.

# Experience

Project Engineer – DRDL, Hyderabad (1st Oct 2020 to till date)

Design Engineer – 2019 – 2020

#  CAD

* Designing the products, making assemblies, and preparing various layouts.
* Ability to create complex mechanical components, assembled all parts with animation and presented using Power point presentation.
* Part design develop strategies for improving upon current models.
* Drafting of various of components, lifting beams and fixtures using GD&T in detail for fabrication purpose.
* Strong ability to create design such as 2D Drawings, 3D models, Bill of Materials (BOM).
* Worked closely with pre-production and assembly departments to ensure that prototypes satisfy the Design for Manufacturing and Assembly criteria.
* Good experience in Catia V5
* Designing of Cable in sections & section to section using Catia V5
* Designing of wiring harness in sections & section to section using Catia V5
* Preparation of layouts for assemblies, qualifying tests for integration purpose.
* Participating in configuration control management committee to control the geometry and weight of component for developmental.
* Coordinated with Development Planner and Project Managers to ensur that the project scope is accomplished on time.

#  Integration

* Preparing check lists for integration of components by reading drawings.
* Supervising integration activities like trial and final fitments of sub systems, sub- assemblies, and assemblies.
* Preparing the flight worthy systems for various qualification tests as per approved technical qualitative requirements.
* Preparing sections, motors and nozzles for leak check, vibration test, and various tests for qualification purpose.
* Maintaining records of performance reports for future reference. Education qualifications

* PGDTD : Post Graduation Diploma in Tool Design and CAD/CAM (2017-2019)

* B. Tech : Nalla Malla Reddy Engineering College, Hyderabad

(Mechanical) Jawaharlal Nehru Technological University Hyderabad

2013-2017

* Intermediate : Narayana Junior College

(MPC) Board of Intermediate Education, A.P

2011-2013

* SSC : Vignan High School

Secondary School Education, 2011

# Technical skills

* Catia, Solidworks, NX, etc.
* Wire harnessing using Catia V5
* Proficiency using GD & T

# Hobbies

* Listening music
* Drawing and sketching

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| Personal details |  |
| Father Name | : A. Raju |
| Date of birth | : 08-05-1996 |
| Languages | : English, Telugu, Hindi. |
| Address | : Hyderabad, Telangana. |

# Declaration

I hereby declare that the above-mentioned information is accurate to the best of my knowledge and belief.

(A. Satish Kumar)

Place: Hyderabad Date: