

# KESAVA NARAYANAN J

Email: kesavanarayanan06@gmail.com  
Contact no: +919840525268

No.6/725, south avenue road,  
Muthamizh Nagar, Kodungaiyur,  
Chennai-600118,Tamilnadu,India.

---

## CAREER OBJECTIVE

To engage with your propelling system and to produce a revolution in the design field and looking for a challenging position with a view to attain professional growth and development.

## WORK EXPERIENCE 1

Company Name : **SOLARCAREINDIA PVT.LTD**(GRP OF WINDCAREINDIA PVT.LTD)  
Designation : **DESIGN ENGINEER**  
Experience : **1 Year** (from Dec 2015 to Dec 2016)

### Role & Responsibilities

1. Site survey to collect input data.
3. Layout preparation for the solar power plant.
4. Generating report in PVSYST.
5. Preparation of single line diagram.
6. Designing the module mounting structure for the plant, as per the client requirements.
7. Structure analysis using Solidworks simulation.
8. Design proposal with client.
9. Preparation of part drawing with GD & T.
10. Preparation of Bill of Materials.
11. Coordinating with the vendor to complete the work on time.
12. During erection of the structure, if any problem arises we will help to troubleshoot the problems.
13. Site inspection.
14. Preparation of client feedback report.

### Projects handled:

1. Designed solar structure for 500 Kw Terrace and Rooftop system
2. Designed structure for single axis tracking system
3. Designed structure for dual axis tracking system

**Software Used:** Solidworks 2015, Auto CAD 2012, Pvsyst.

## WORK EXPERIENCE 2

Company Name : **GENESIS**

Designation : **DESIGN ENGINEER**

Experience : **3 Months** (from Dec 2016 to Present)

### Role & Responsibilities

1. Machine Concept Design (Special Purpose Machine) using Solidworks 2016.
2. Design Proposal with the client.
3. Preparation of Part Drawings with GD & T, Using Autocad 2012.
4. Raw Material Purchase, Production and Vendor follow up.
5. Inspection of Machined Parts.

### Projects handled:

1. Royal Enfield 350cc Cylinder Head and Valve Seat Leak Testing Machine.
2. Royal Enfield 500cc Cylinder Head and Valve Seat Leak Testing Machine.
3. Laser Marking Machine.
4. P1 Cover Clutch R.H Leak Testing Machine.
5. P1 Cover Magneto L.H Leak Testing Machine.

## EXECUTIVE DIGEST

- Ability to handle the team
- Having excellent Interpersonal and Self-motivating skills.
- Always prefer for perfection in work.

## ACADEMIC CHRONICLE

- **2012– 15** B. E - Mechanical Engineering  
Sakthi Engineering College, Chennai, Tamil Nadu.
- **2009 – 12** Diploma - Mechanical Engineering  
Sri Nallalaghu Polytechnic College, Chennai, Tamil Nadu.
- **2008-2009** SSLC  
Grace Matriculation Higher Secondary School, Chennai,  
Tamil Nadu.

## AREA OF INTEREST

- Design (Strength of Materials)
- Manufacturing Process
- Heat transfer

## SOFTWARE EXPOSURE

### Development Tools

- **SOLIDWORKS**
- **PDMS**

### Drafting Tools

- **AUTOCAD 2012**

## ACADEMIC PROJECT

- Project involved in “**FORMATION OF NON EROSIVE SLAB USING FLY ASH**”
- Another mini project was carried out in “**FABRICATION OF AUTOMATIC PUNCHING MACHINE USING GENEVA MECHANISM**”

## IN PLANT TRAINING

- Chennai Port
- Ennore Thermal Power Plant

## PERSONAL DETAILS

- Date of Birth : 12.06.1994
- Father's Name : R. Jayaram
- Gender : Male
- Marital status : Single
- Languages Known : English, Tamil and Telugu
- Nationality : Indian
- Current location : Chennai
- Hobbies : Listening to Music, Playing Cricket
- Passport Number : Z3297591

## PERSONAL TRAITS

- Hard worker - Never give until the work is done.
- Adaptive - Adapt myself to tackle and give my best in challenging situation.
- Quick learner - Seek to improve by learning.
- Punctual and Responsible.
- Positive attitude.

## DECLARATION

Hereby I declare all the above furnished details are fully true to the best of my knowledge and belief.

PLACE: Chennai

DATE:

(KESAVA NARAYANAN)