

# Giani Sivaprasad

**Mechanical Engineer**

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**Mob. No: 9008462306**

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## **Objective**

To leverage my 10years of Mechanical design experience with progressive organisation.

## **Education:**

B.tech in Mechanical Engineering (2012).

Diploma in Mechanical Engineering (2006).

## **Skills:**

- Solid Edge, Solid Works, AutoCAD, MS Office & FloEFD.
- GD & T and Stack up analysis and ASME 14.5 Drafting standards.
- Sheet metal, Plastic and Casting Design.
- Knowledge in Different Manufacturing processes like machining, Injection Moulding etc.
- 3D Modeling, 2D Drafting, BOM, SAP. Engineering change Request.
- Quality check for the drawings.
- Knowledge in Design to Value, DFMEA, tooling, IP standards, Hydraulic cylinders.
- Ability to work Independently.

## **Experience:**

**Hubbell India** (Feb 2016- till date)

**Sr. Design Engineer**

**Flood Light Fixture:**

- Concept Design, Part Modeling and detail drawing taking inputs from the US Team.
- Planned, designed and developed four different variants.
- The Fixture is designed of Aluminum Casting.
- Conducted thermal test for the fixture using FLoEFD.

**Other Projects:** Linear, Altitude and OURO Lighting Fixtures.

**Other Responsibilities:**

- Developed pull test Equipment for the Lighting fixtures and its standard operating procedure.
- Reverse engineering of existing products.
- Engineering support for sustaining requests.
- Quality check, documentation, BOM and SOP.
- Thermal analysis using FloEFD.
- Client Interaction.

**Achievements:** Received performance appreciation twice, Completed Competent Leadership (CL) in Toastmasters.

**United Telecom Limited** (Jan 2014 to Jan 2016)

**Design Engineer:****1Ph & 3Ph Energy Meter:**

- Concept Design, Part Modeling and detail drawing by gathering the inputs from the customer specification.
- Planned, designed and developed two different variants.
- The product is designed of Plastic enclosures like top cover, Basil etc.
- Conducted tests for the product's IP, Dump, vibration and other required tests.

**Other Projects:** GPON, Tsunami tower.

**Other Responsibilities:**

- Developed Jigs for the Dump test of the meters.
- Reverse Engineering of the existing products.
- Interacting with vendors and other teams.
- Handled Molding tools, their equipment and maintenance in the tool room.
- Quality check, documentation, BOM and SOP.

**Achievements:** Saved cost of the prepaid energy meter tool by planning to accommodate the newly designed features in the old normal meter tool.

**Delloitte:** (July 2013 to Dec2013)

**Design Engineer:**

- Engineering design Support.

**CMC Ltd:**(June2012 to Nov2012)

**Design Engineer:**

- Designed DIN rail energy meter.
- Engineering Design support.

**EcoLED Illuminations.Pvt.Ltd:**(May2010 to Jan2012).

**Design Engineer:**

- Designed various LED Street lights.
- Designed various other outdoor and indoor LED Lighting products like strip light, MR 16 Light, down light, tube light, LED Bulb and Flood light.
- Designed and developed the drivers and power supply casings.
- Vendor Interaction and work follow up.
- Reverse Engineering.
- Quality check, documentation and Bill of materials.

**MIC Electronics Ltd.**(July 2007 to June 2009)

**Design Engineer:**

- Designed various Outdoor and Indoor LED Display boards.
- Designed various outdoor and indoor LED Lighting products like Railway Emergency Light, Lantern and Street light.
- Vendor Interaction and work follow up.
- Reverse Engineering.
- Preparation of bill of materials, standard operating procedures and documentation.

**Personal Details:**

- **Marital Status:** Married
- **Languages Known:** English, Hindi, Telugu, Kannada and Tamil.
- **Address:** Plot#8, Aashka Nivas, 33rd Street, 3rd Extn, Balajinagar, Puzudhivakkam, Chennai.