

asaramramesh007@gmail.com

+919000440791

Hyderabad, India 500024

WWW: [Bold Profile](#)

## Skills

- Inverter Design
- Electrical converter
- Electrical Cabinet Design
- Transformer and Inductor Design
- Auto Desk Inventor
- Solid Edge
- UG NX
- PLM (Enovia)
- MFG Process
- GD&T
- Stack-up Analysis

## Education

05/2014

### Diploma:

Mechanical Engineering

**Government Polytechnic College**

Hyderabad

05/2011

### High School:

**Government Model High School**

**Aliya**

Hyderabad

## Languages

- English
- Telugu
- Hindi

# Ramesh Asaram

## Profile

Professional engineer with specialization in mechanical design for power electronics. Proven track record of delivering innovative and efficient solutions. Proficient in CAD software, project management, and structural analysis. Recognized for strong analytical skills and creative problem-solving abilities that enhance project outcomes.

## Employment History

### Onward Techonolgies Limited - Senior Engineer

hyderabad, india

10/2025 - Current

- Contributed to NPI team, enhancing design and production feasibility for off-highway vehicle trailers.  
Utilized Autodesk Inventor for drafting and designing new trailer models.  
Collaborated with manufacturing teams to optimize designs for efficiency and cost reduction.

### Tech Mahindra - Design Engineer

Hyderabad, India

11/2022 - 09/2025

- Delivered optimized high power inverter designs, significantly reducing production costs while enhancing performance.
- Improved product quality through comprehensive design reviews.
- Executed full design processes from concept to detail for automobile inverters.
- Designed 3D models for parts, assemblies, and sheet metal components.
- Produced accurate part drawings, sub-assembly, and assembly drawings.
- Served as technical consultant in Germany for six months on inverter design projects.
- Selected materials based on specified requirements to ensure compliance.

### Medha Servo Drives Pvt. Ltd - Junior Engineer

Hyderabad, India

09/2014 - 10/2022

- Executed mechanical design for electrical control panels and converters for railway and EV applications.
- Developed mechanical designs for dry-type inductors and transformers.
- Collaborated with engineering team to establish precise specifications.
- Reduced production costs through effective cost-saving strategies.
- Designed motors and inverters by interpreting electrical schematics.
- Created detailed 3D design concepts for various components.
- Selected materials and developed relationships with vendors for procurement.
- Drafted part and assembly drawings