



# SHANKARA NARAYANAN . R

## DESIGN ENGINEER

Aspiring Mechanical Design Engineer with 1 year of hands-on experience in CAD, 3D modeling, and industrial machine design. Proficient in SolidWorks, GD&T, and reverse engineering, with a strong focus on creating efficient, accurate, and manufacturable designs that meet performance standards.

## WORK EXPERIENCE

JULY 2023 - AUG 2024

ULTRAMAX HYDROJET Pvt.Ltd. (Chennai)

### ● DESIGN ENGINEER

- Designed industrial component washing machines for domestic & international markets.
- Prepared assembly, part, dimensional drawings & BOMs.
- Handled reverse engineering and rendering for catalogs & clients.
- Applied GD&T standards for automation components & gearbox drives.
- Maintained complete project documentation for design and production.
- Coordinated with shop floor for manufacturing follow-up.
- Worked on weldments, sheet metal, part modeling & assemblies in SolidWorks.

## INTERNSHIPS

### WOORY Automotives India Pvt. Ltd:

- Exposure to the assembly of automotive parts involving actuators and clutch coils.
- Acquired knowledge: Basics of assembling air conditioning system's control panel for automotive.

### Sri Lakshmi & Co Pvt. Ltd:

- Trained in the quality testing of automotive spare components.

## ACADEMIC PROJECTS

### Fabrication & Testing of Fiber Reinforced Composite Material.

- Fabrication & testing the mechanical properties of fiber reinforced composite material.
- As the team leader, I guided my team to complete the project successfully in time.

### Design and assembly of Air piston – cylinder, Radial engine (SOLIDWORKS).

## CERTIFICATIONS

- An online training on SOLIDWORKS and ADVANCED SOLIDWORKS offered by INTERNSHALA.
- Course of CDE – "CERTIFIED DESIGN ENGINEER" specialized in Solidworks & Autocad, offered by MANCHENSTER ENGINEERS CENTRE.

## TOOLS

- SOLIDWORKS
- AUTOCAD -2D
- M.S.OFFICE

## LANGUAGES

- English
- Tamil
- Telugu