



# 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.

## CONTACT



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nagar extension, Anakaputhur,  
Chennai -600070.

## EDUCATION

### VELS UNIVERSITY (2021-2023)

- M. E - Automobile Engineering
- CGPA - 7.7

### DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY (2017-2021)

- B.Tech - Mechanical Engineering
- CGPA - 7.27

### NARAYANA JUNIOR COLLEGE (2015-2017)

- Mathematics, Physics, Chemistry
- 94%

### RAVINDRA BHARATHI PUBLIC SCHOOL (2015)

- CGPA - 8.7

## LANGUAGES

- English
- Tamil
- Telugu

## 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