



Harshit Shah

Design Engineer

To be a part of the organization & explore the opportunity to grow with, by applying learned skills, education & various principles to practice, using machines & techniques.

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📍 Tukaram Apartment, Sector 20, Near D-Mart, Belapur ,
Navi Mumbai-400614, India

WORK EXPERIENCE

SOLAR DESIGN ENGINEER Green World Renewable Energy

03/2022 - Present

To work on engineering, design and develop site plans for solar panel installation.

Achievements/Tasks

- Performed complete design and installation of customized solar PV systems, ensuring that all procedures and safety guidelines were fully followed.
- Designed in-house electric charging systems and created detailed technical drawings and sketches.
- Developed Planset and maintained various professional tools and equipment.
- Provide beneficial support and knowledge to clients.
- Developed, modified and maintained One-line Diagrams, As-build Plans, Elevation Diagrams, Wiring and Cable routing Diagrams.

DESIGN ENGINEER Anil Engineering Private Limited

12/2021 - 03/2022

To prepare 3D model (SOLIDWORKS) and Drawing Sheet (AUTO-CAD) of parts, assembly and layout of pressurized LPG storage and its equipment.

EDUCATION

B.E. in Mechanical Engineering (CGPA - 8.49)

Pillai HOC College of Engineering & Technology

11/2020

RASAYANI

Diploma In Mechanical Engineering (81.47%)

Pillai HOC College of Engineering & Technology

06/2017

RASAYANI

SSC (82%)

Carmel High School

03/2014

PEN, RAIGAD

SKILLS

Designing

Auto-CAD

SolidWorks

Project related research

MS-Office

Oversee project manufacturing process

Presentation

ACHIEVEMENTS

Runner up in PCE Business Plan Competition

The Project of Electric boiler for tea, was also used to generate a stream of revenue.

Runner Up in State Level Technical Paper Presentation

Achieved First Rank in State Level Quiz Competition

PERSONAL PROJECTS

Design And Development of Kulhad maker (06/2020)

- A manually operated toggle press to make uniform 60ml clay cups.

Electric Boiler for making Tea (02/2019)

- Heating coil submerged in 5 litre water tank to generate steam, for boiling tea

Steam Pressure Vessel lifting mass of 150 grams (10/2018)

Design & Fabrication Of Maglev Windmill (02/2017)

- Magnetic levitation causes the spindle rotation even at small windspeeds.

INTERESTS

Production

Refrigeration

Food Processing

HVAC

Business

Cycling

Reading

Cricket