Soham Jadhav

Pune , Maharashtra
8308455692 | jadhavsoham341@gmail.com

Objective

Motivated final-year Mechanical Engineering student seeking a 6-month internship to gain hands-on industrial experience, improve technical expertise in design and manufacturing, and contribute to organizational success through dedication and continuous learning.

Education

- **Shanu Patel highschool.** 2021
  10th
  Percentage:-86%
- **Government polytechnic pune** 2023
  Diploma
  Percentage:-72.55%
- **Marathwada Mitra mandal collage of engineering** 2024
  Second year
  CGPA:-7.5

Technical Skills

CATIA.
Manufacturing Processes.
Engineering Materials & Metallurgy.
ANSYS (Basic FEA).
Thermodynamics & Heat Transfer.

Experience

- **Nobel cast pvt.ltd, Bhosari** -
  Intern
  Experience & Responsibilities
  • Assisted in understanding the gravity die casting process, including mould preparation, alloy melting, pouring, and solidification stages.
  • Supported the tool room team in CAD/CAM designs for casting tooling and jigs. OBJ
  • Observed and helped monitor machine shop operations, including CNC machining and finishing of cast parts.
  • Learned quality control procedures and inspected dimensional and surface integrity of finished components.
  • Gained hands-on experience with industrial manufacturing workflows, safety practices, and documentation.
  • Collaborated with engineers and technicians on process improvement ideas and lean manufacturing practices.

- **Expert industry** -

Intern

• Observed and understood the working of Lathe Machine for turning, facing, drilling, and threading operations.

• Studied the operation of CNC machines and basic CNC programming concepts (G-code, M-code).

• Observed VMC (Vertical Machining Center) operations for precision machining of components.

• Learned about machine setup, tool selection, and cutting parameters.

Understood safety practices and industrial workshop procedures.

• Gained knowledge of production workflow and quality inspection methods.

Projects

- **Leakage Detection System**

This project detects water leakage in pipelines or tanks.It uses an Arduino and a water sensor.When water leakage is detected, the sensor sends a signal to the Arduino.The Arduino turns on a buzzer or LED to give an alert.This helps save water and prevents damage.

- **Bluetooth-Based Arduino Controlled Car**

This is a robot car controlled by a smartphone.It uses an Arduino Uno and an HC-05 Bluetooth module.The car receives Bluetooth commands from a mobile app.It can move forward, backward, left, right, and stop.This project helps learn Arduino programming, Bluetooth communication, and motor control.

Languages

English.
Marathi.
Hindi.

Hobbies

Sport.
Quality control.
Gaming.
Travelling.