

Samruddhi Dnyaneshwar Rasal

PUNE, Maharashtra

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Objective

Final-year Mechanical Engineering student seeking a 6-month internship to gain hands-on industry experience, apply my technical knowledge to real-world projects, strengthen my practical and problem-solving skills, and learn from experienced professionals while contributing to the organization's goals.

Education

- **Marathwada Mitra Mantra College of engineering, Karve Nagar**
first year (BE ENGINEERING)
CGPA:-7.2
- Second year
CGPA:-6.5
- Third year
SGPA:-7.9
- **PVP Junior college, Pravara nagar** 2023
12th
percentage:-60%
- **DNYANGANGA VIDYANIKETAN MANCHI HILL** 2021
10th
percentage:-96.60%

Technical Skills

- Autocad
- CATIA
- GD&T
- Basic FEA
- Engineering drawing
- Basic Quality control and inspection.

Projects

- **Solar river cleaning boat**
 - Description: Designed and developed a semi-automated river cleaning boat powered by solar energy, aimed at removing floating waste from water bodies to promote environmental sustainability. Integrated mechanisms for waste collection and solar charging for energy-efficient operation.
 - Core Technologies/Components: Utilized solar panels, DC motors, propeller system, conveyor belt mechanism, and Arduino microcontroller for automation and control.
 - My Role:
Assisted in prototype fabrication and assembly.
Conducted testing and performance evaluation.
Collaborated with team members on design and documentation.
 - Outcome:

Successfully collected floating waste
Eco-friendly and low-cost solution
Helps in river cleaning without fuel

Internship

- Company Name:- Noble cast pvt.Ltd,Bhosari.
Role: Intern

Manufacturing and engineering company specializing in Aluminium gravity die casting and precision engineering solutions. The company operates modern facilities including a gravity die casting foundry, advanced tool room, and machine shop, employing CAD/CAM methods for design and production. It produces a wide range of cast components, tooling (dies and patterns), jigs & fixtures, and machined finished parts for automotive and general engineering applications. The company serves clients both in India and international markets, including the USA and Europe, with a focus on quality, customer satisfaction, and lean manufacturing principles.

Soft Skills

- Teamwork
- Time management
- Problems solving
- Effective communication

Languages

- English
- German(Basic)
- Marathi
- Hindi

Hobbies

- Travelling
- Sports
- Riding
- CAD Designing
- Volunteering