

**DARSHAN MAKWANA**  
B.E.  
MECHANICAL ENGINEER

## CONTACT

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## SUMMARY

Mechanical Engineering graduate with strong fundamentals in manufacturing processes. Familiar with 5S, safety practices, and continuous improvement concepts, and eager to begin a career in production and manufacturing operations as an entry-level engineer.

## SKILLS

- Computer skill
- Manufacturing process
- Team Leadership
- 5s and TPM
- GD and T Symbol Reading
- Maintenance

## EDUCATION

**2021 - 2025**  
**Shantilal shah engineering college ,  
Bhavnagar**  
Bachelor of engineering  
Mechanical

**2018 - 2021**  
**Sir Bhavsinhji polytechnic institute,  
Bhavnagar**  
Diploma engineering  
Mechanical

## WORK EXPERIENCE

### Supervisor

NDT Inspector – MPT (Magnetic Particle Testing)

Priti marine pvt ltd. (Casting Manufacturing Company)

Duration: 6 Months

- Performed Magnetic Particle Testing (MPT) on ferrous castings to detect surface and near-surface defects such as cracks, laps, seams, and inclusions.
- Conducted visual inspection (VT) before and after MPT as per inspection procedures. Prepared castings for testing by surface cleaning, magnetization, and demagnetization.
- Used wet MPT methods with yoke and bench type equipment.
- Coordinated with quality, production, and machining teams for rejection analysis and re-inspection.
- Supported final inspection and dispatch clearance for approved castings.

### Certificate

- ✓ Jyoti CNC Automation Ltd.
- ✓ CCC