

# MRUNMAYEE NAIK

Mechanical Engineer | Pune, Maharashtra | 9404165770 |  
[mrunmayee.naik04@gmail.com](mailto:mrunmayee.naik04@gmail.com) | [www.linkedin.com/in/mrunmayee-naik-bb07b5320](https://www.linkedin.com/in/mrunmayee-naik-bb07b5320)

Mechanical Engineering graduate with practical experience in hydraulic/pneumatic systems, product design, and factory-level maintenance. Passionate about automation and equipped with strong technical communication skills, eager to contribute to fast-paced, innovative product development teams.

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## Skills & Abilities

2D drafting | Standards & Symbols | AutoCAD

3D modelling | GD&T | SolidWorks

Hydraulic Symbols | Engineering Drawings | MS Office

## Languages

English | Proficient

Hindi | Proficient

Marathi | Native

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## Education

Vishwakarma Institute of Technology, Pune  
B.Tech. Mechanical Engineering | CGPA: 8.3/10 | 2022–2026

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## Training

Industrial Hydraulics & Pneumatics – Sandvik Coromant, Pune

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## Internship

Design & Maintenance Intern – Sandvik Coromant, Pune June – Nov 2025

- Reduce machine downtime through repair kit by 20%
- Reduced replacement cost by 50%

B2B Engineering Sales Intern – Forbes Marshall Pvt. Ltd, Pune Feb – May 2026

- Identified and established contact with 30+ potential customers.
- Generated enquiries for 40% of customers.

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## Projects

### Development of Gripper Head Repair Kit

- Developed a pneumatic system & PLC logic for the kit.
- Reduced maintenance time by troubleshooting with the help of repair kit.

### Tribological study of laser textured SS-316L

- Investigated wear & friction performance of laser-textured samples using pin-on-disc testing.
- Analyzed texture patterns, velocity, load, & lubrication for their impact on friction and wear resistance.

### Design of IC engine components for Suzuki Gixxer SF 250

- Designed piston, cylinder, connecting rod, and crankshaft for a 250cc 4-stroke engine.
- Performed stress, thermal, and load calculations to validate safe operation.