

Varad Vaingankar

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SUMMARY

Detail-oriented and motivated Mechanical Engineer with a strong foundation in engineering principles, design, and analysis. Demonstrated ability to contribute to technical projects with hands-on experience in interpreting technical drawings, collaborating in cross-functional teams, and applying engineering best practices to solve real-world problems. Eager to learn, adapt, and grow within dynamic engineering environments while contributing to innovative and cost-effective solutions.

WORK EXPERIENCE

1. TURBOCAM INDIA PLANT

June 2024

Worked on maintenance of 4-Axis, 5-Axis and 6-Axis CNC machines on the shop floor

2. KINECO DEFENSE AND AEROSPACE

June 2025 - July 2025

- • Completed documentation and inspections of Parts manufactured on site.
- • Observed various methods of inspection like Universal Testing Machine
- • FARO inspection and Non-Destructive Testing using A-scan.
- • Completed Hardness Testing of a specimen using the Portable Shore D hardness tester.
- • Observed Autoclave and Out-of-Autoclave composite manufacturing.

PROJECTS

1. Design and Analysis of an Air-cooling System using a Car Radiator

2. Structural Analysis of an Aluminum Bridge structure using ANSYS

EDUCATION AND CERTIFICATIONS

2022 - 2026	B.Tech Mechanical Engineering at MIT manipal	(GPA: 6.97/10.0)
2022	Class 12th CBSE Board	(76.20 Percent)
2020	Class 10th ICSE Board	(90.60 Percent)
2025	Google Project Management Professional Certificate	

SKILLS

- Project management
- Stakeholder management
- Agile management
- Risk management
- Quality Assurance and Quality Engineering
- Documentation and analysis
- Composite Manufacturing
- Communication Skills
- Maintenance Engineering