

BAMBHANIYA SANTOSH

NAANAJEEBHAI

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Mechanical Engineer

PROFESSIONAL SUMMARY

Dedicated Mechanical Engineering graduate with specialized knowledge in thermal systems, thermodynamics, and power plant operations. Proven ability to optimize production efficiency and implement Total Productive Maintenance (TPM) strategies through hands-on experience at GN Altech. Committed to sustainable engineering and technical excellence.

EDUCATION

L.E. College <i>B.E. in Mechanical Engineering</i>	CGPA: 7.16
12th Grade (HSC) <i>Higher Secondary Certificate</i>	62.5% PR: 66.5
10th Grade (SSC) <i>Secondary School Certificate</i>	89.5% PR: 99.66

PROFESSIONAL EXPERIENCE

GN Altech Private Limited <i>TPM Officer (Internship) - Production Department</i>	Dec 2025 – Mar 2026
<ul style="list-style-type: none">Applied Total Productive Maintenance (TPM) principles to improve overall equipment effectiveness and minimize production downtime.Developed comprehensive technical documentation and Standard Operating Procedures (SOPs) for production workflows.Collaborated on thermal efficiency analysis for industrial cooling and heat exchange systems.	

ACADEMIC PROJECT

Construction of Wetland & Natural Treatment of Waste Water

- Designed and evaluated a sustainable wastewater filtration system utilizing natural wetland ecosystems.
- Analyzed mechanical and biological parameters to ensure compliance with environmental safety standards.

TECHNICAL SKILLS

Core Engineering:	Thermodynamics, Heat Transfer, Fluid Mechanics, Power Plant Engineering
Operations:	TPM Methodology, Production Optimization, Technical Documentation
Competencies:	Analytical Problem Solving, Technical Writing, Project Management, Team Leadership