

VIKRAM SAHOO

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CAREER OBJECTIVE

Mechanical Engineering undergraduate (CGPA 9.23) with hands-on internship experience spanning shop-floor coordination, vendor and fabrication liaison, quality documentation, and production reporting. Comfortable working across the purchase-production-projects value chain, from vendor follow-up to production-report maintenance. Seeking the Graduate Trainee Engineer role to contribute coordination, documentation, and problem-solving skills across manufacturing operations, procurement support, and project execution under structured mentorship.

TECHNICAL SKILLS

- Coordination: Vendor/Fabrication Liaison, Cross-functional Coordination, Procurement Support, Project Tracking
- Production & Quality: Manufacturing Processes, Quality Control, Dimensional Inspection (CMM – observed), Production Reporting, Documentation
- Tools: MS Excel, MS Office, AutoCAD, SolidWorks, Technical/Engineering Report Writing
- Core Subjects: Engineering Design, Thermodynamics, Fluid Mechanics, Strength of Materials, HVAC, Turbomachinery
- Soft Skills: Communication, Ownership, Problem-Solving, Willingness to Learn

INTERNSHIPS / WORK EXPERIENCE

Project Engineer Intern — Precilayer India Private Limited

May 2026 – Jun 2026

- Coordinated cross-functional project activities across shop-floor, quality, and logistics teams — comparable to coordinating with vendors and internal departments to keep production and project schedules on track.
- Performed dimensional inspections and documented findings to support clear, traceable technical records — directly comparable to preparing production reports and maintaining procurement/project documentation.

Engineering Intern — Gaylord Pharma Systems Pvt. Ltd.

May 2025

- Collaborated with fabrication and quality teams to ensure component designs met specifications, performing inspections and checks to validate compliance — vendor/fabrication coordination experience.
- Supported component documentation and drafting in AutoCAD, maintaining accurate technical records used by the fabrication team.

ACADEMIC PROJECTS

Retrofittable Thermoelectric Energy Harvester for Cooking Stoves

- Conducted comparative research on TEG materials and heat sink configurations, translating findings into design specifications for off-grid household use.
- Iteratively tested and validated prototypes, analyzing performance data to refine the design, achieving 5V / up to 5W output.

Dual-Axis Solar Tracking System

- Defined design requirements and led end-to-end development (Arduino Uno, LDR sensors, servo motors) to close performance gaps identified in fixed-panel systems.
- Monitored system performance and analyzed efficiency metrics, achieving a ~20–30% improvement over baseline.

CERTIFICATIONS

- SolidWorks Certification — CADLINE Infotech
- Creo Certification — CADLINE Infotech
- Digital Twin Certification — IOFT

EDUCATION

B.Tech — Mechanical Engineering Graduation: 2027

St. John College of Engineering and Management, Mumbai University | CGPA: 9.23 (up to Sem VI)

ACHIEVEMENTS & ACTIVITIES

- 1st Place — BIS Presentation: Material Selection for Additive Manufacturing (College Level); researched and presented a comparative analysis to a judging panel.
- Participated in Idea-2-Impact technical event, contributing to brainstorming and feature ideation sessions.