VEDANT TAYADE

Phone: +91-9370300394 | Email: vedanttayade03@gmail.com | LinkedIn: linkedin.com/in/vedant-tayade

Summary

I am a Mechanical Engineering student at SSGMCE with knowledge of manufacturing processes, quality control, heat transfer and mechanics of materials. I have completed two industrial internships in automotive component manufacturing and have project experience in EV battery thermal management. I am seeking an opportunity to apply my technical skills and gain practical industry experience.

Internships

Varroc Engineering Ltd., Chh. Sambhajinagar (June 2026 – July 2026)

- Worked on the shop floor and observed daily production, tracking output targets and cycle times.
- Helped plan manpower across production bays to reduce machine idle time.
- Followed 5S practices and carried out quality checks on component lines.

Kirdak Autocom Pvt. Ltd., Chh. Sambhajinagar (June 2025 – July 2025)

- Gained hands-on exposure to forging and mass production of automotive engine components.
- Checked component dimensions and inspected parts for defects to keep them within tolerance.
- Assisted engineers in reducing cycle time and material scrap.

Education

Sr. No.	Course	Institute / College Name	Percentage / CGPA	Year of Passing
1	B.E. Mechanical Engineering	Shri Sant Gajanan Maharaj College of Engineering, Shegaon	CGPA: 6.99	2027 (Pursuing)
2	HSC (Science)	Modern English High School & Junior College, Nandgaon (Kh)	73.50%	2023
3	SSC	Nandgaon High School, Nandgaon (Kh)	90.00%	2021

Project

Battery Cooling of Electric Vehicle Using PCM and Dielectric Fluid (Ongoing)

- Working on a thermal management system for EV battery packs combining phase change material (PCM) and dielectric fluid cooling.
- The PCM absorbs excess heat from the cells, while the dielectric fluid carries it away to keep temperatures uniform.
- Studying heat transfer and fluid properties to reduce the risk of thermal runaway and improve battery life.

Technical Skills

AutoCAD (Basic)

Soft Skills

Teamwork, Time Management, Willingness to Learn

Personal Details

Date of Birth: 06/12/2004

Languages Known: Marathi, Hindi, English

Declaration

I hereby declare that all the information given above is true to the best of my knowledge.

Date:

V.S.Tayade

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