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# PROFILE

Dynamic and results-driven professional with a robust background in mechanical engineering and research. Proven expertise in collaborating with cross-functional teams to gather technical and commercial information for bid preparation. Adept at developing detailed cost estimates and pricing strategies, ensuring profitable outcomes. Demonstrated leadership in managing projects and driving business growth through strategic planning and client engagement.

and Relationship Management.

# EDUCATION

## Veermata Jijabai Technological Institute (VJTI), Mumbai Pursuing : Aug 2023 – June 2025

*Master of Technology : Defence Technology* (Aerospace Technology Specialization)CGPA: 8.76

## VIVA Institute of Technology, Mumbai Passed : Aug 2019- June 2023

*Bachelor of Engineering : Mechanical Engineering* CGPA : 8.55

# TECHNICAL SKILLS AND INTEREST

Technical Proficiency:

- Mechanical Design and Simulation  
 - Research & Development in Defence application  
 - Cost Estimation and Pricing Strategy Development  
 Business Acumen:  
 - Strategic Planning and Market Analysis  
 - Client Engagement and Relationship Management  
 - Proposal Development and Bid Management  
 Soft Skills:  
 - Leadership and Team Management  
 - Effective Communication and Negotiation  
 - Project Management and Problem-Solving

# EXPERIENCE

**Bharat Forge Limited** July 2024 – June 2025

*M.Tech Project Intern - Research & Development Pune*

***Project Name*** *– Design and Development of Stern section of MRAUV*

-Collaborated with internal teams to gather technical and commercial information for bid preparation.  
 - Assisted in design, simulation, and optimization of mechanical components, contributing to detailed cost estimates   
 - Engaged in research and development for the MRAUV project, enhancing advanced underwater vehicle technology.

**Western Railways (EMU West Zon)** March 2023 – April 2023

Industrial Training *Mumbai*

***Project Name*** *– Breakes and Wheels Section of ICF Coach*

-Conducted a case study on brake and wheel systems, compiling an in-depth report on steel components' functionality.  
- Developed comprehensive reports that informed maintenance strategies and cost estimations.

**Lenevo by ICT Academy (Power BI)** May 2023 – July 2023

Industrial Training *Mumbai*

- Gained hands-on experience in Power BI for data visualization and reporting. Collaborated with cross-functional teams to understand data requirements and present actionable insights.   
- Developed interactive dashboards and reports to analyze business performance and key metrics.

# PERSONAL PROJECT

**. Design & Fabrication of Automatic Watering Unit for Home Gardening**  
 - Led the project from conception to completion, demonstrating project management and technical skills.

**. Design & Fabrication of Busbar Cutting, Bending & Punching Machine** - Engineered a machine to improve manufacturing efficiency, showcasing innovation and problem-solving abilities.

**. Design & Analysis of Propeller for Autonomous Underwater Vehicle**

- Investigated and refined the designed aspects of the propeller system for AUV. Optimized the performance as per specific demands and material specification design.

## LEADERSHIP & ACHIEVEMENTS

## - Core-Committee Member – ISHRAE Mumbai Chapter - Spearheaded initiatives to expand membership and enhance member engagement. - NSS Head (2021-22) & Member for 3 Years - Organized and managed over 80 events, demonstrating leadership and organizational skills. - Head – CSR Cell, Student Council - Developed and implemented strategic plans for community outreach and engagement.

## HOBBIES

- Meditation  
- Gardening  
- Running  
- Reading & Researching (Geo-Politics, Defense, Spirituality)