



Pranay Mokashi

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Objective

Dedicated Production Engineering student with a focus on operational efficiency and workplace optimization

Education

- Veermata Jijabai Technological Institute, Mumbai** 2023-2027
B.Tech in Production Engineering with Minors in Defence Technology - 6.85 CGPA
- Veermata Jijabai Technological Institute, Mumbai** 2020-2023
Diploma in Mechanical Engineering - 70.21%
- Holy Family High School, Mumbai** 2008-2020
SSC - 87.20%

Experience

- Central Railways EMU Carshed, Kurla.** 16/06/2022 - 27/07/2022
Diploma Intern
Completed a 6-week internship focused on the study and analysis of brake systems in local trains, gaining practical exposure to railway operations and safety mechanisms.

Projects

- Thermoelectric Refrigerator [Diploma Final Year Project]**
Designed and developed a thermoelectric refrigerator using Peltier modules, focusing on solid-state cooling without moving parts. Demonstrated efficient temperature control and cooling for small-scale applications.
- Ratchet Paul Mechanism [B.tech Second Year Mini Project]**
Designed and implemented a ratchet and pawl mechanism with precise tooth engagement, ensuring smooth operation and effective locking against reverse motion.

Skills

- MS Office, AutoCAD, Lean Manufacturing, Process Optimization, Supply Chain Management, Production Planning, Project Management, Safety Compliance, Problem Solving, Team Leadership, Work Ethics.

Achievements & Awards

- Selected for Advanced Training on Pneumatic Circuits at SMC Corporation India Pvt.Ltd
- Successfully Completed National-Level FDP on Shape Memory Alloys & Composite Materials by SPCE Mumbai.
- Participated in a National Level Webinar on Introduction to AI Agents and Agentic AI by IIIE-SPCE and SAEINDIA
- Successfully completed the 3D Printing and Additive Manufacturing Workshop by VJTI Racing.
- Qualified MHT-CET (PCM) with 84 Percentile
- Served as Head Boy of School, leading student activities and representing the student body.
- Won multiple medals in school and college sports competitions.

Interests

- Playing outdoor sports, Travelling, Listening to music

Languages

- English, Hindi, Marathi