ADITYA NIMJE

Nagpur, Maharashtra | adityanimje65@gmail.com | +91-9130650928

SUMMARY

Accomplished Mechanical Engineer with a robust foundation in mechanical engineering principles, supported by practical experience in design and optimization. Currently focused on Building Management Systems (BMS), where I develop control specifications for various systems using AutoCAD for field implementation. I possess a comprehensive understanding of mechanical engineering concepts.

SKILLS

SolideWorks	Problem solving	Accessibility
AutoCAD	Critical Thinking	Responsive Design
BMS	Team Work	

PROFESSIONAL EXPERIENCE

Semsys Pvt. Ltd. **April 2024 - Present**

- Develop and create comprehensive control plans for various systems within Building Management Systems (BMS) utilizing AutoCAD.
- Collaborate with senior engineers and project managers to ensure that control details align with project specifications and standards.
- Troubleshoot and resolve issues pertaining to BMS control systems to guarantee optimal performance.
- Coordinate with team members to integrate BMS control systems with other building services.
- Maintain precise documentation of control details and system configurations for future reference.

EDUCATION

Bachelor of Technology in Mechanical Engineering **JULY 2021 - MAY 2024**

- At Yeshwantrao Chavan Collage of Engineering

Diploma In Mechanical Engineering **AUG 2018 - May 2021**

- At Nagpur Institute of Engineering

PROJECTS

Design & Fabrication Of Javelin Throw Training Device **Aug 2023 - April 2024**

- We developed a Javelin Throw Training Machine designed to assist athletes in refining their technique by emphasizing posture, angle, and strength. This innovative device is adjustable to accommodate various heights, ensuring usability for a diverse range of athletes. By integrating engineering principles with sports science, it aims to enhance javelin throwing skills effectively.

Solar Dryer With Inbuilt Thermal Energy Storage Device **Aug 2020 - June 2021**

- The project aims to develop an innovative solar dryer with a thermal energy storage system for efficient food drying (e.g., chili and onions) using solar energy.
- It allows continuous drying even without direct sunlight by utilizing stored thermal energy.
- The goal is to optimize the performance of both the solar dryer and the storage unit for maximum efficiency and sustainability.

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi.
- **Certifications:** Supply Chain Management ,Computer Aided Modeling By Solid Works.