CHAITANYA PATIL

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Wada, Palghar-421303

SUMMARY

To get an opportunity where I can make the best of my potential and contribute to the organization's growth. I can use my skills and knowledge for organizational and personal growth.

EDUCATION

Sarswati Vidhya Mandir Kanchad,Palghar
Secondary School Certificate, SSC
2018 – 2029
Grade : 80.20%

Bhavnadevi Bhagvan Sambare Junior College, Vikramgad
Higher Secondary Certificate, HSC
2020 – 2021
Grade : 84.67%

MIT Academy of Engineering ,Pune
Bachelor of Technology (MECH)
2021 – 2025
CGPA : 8.78

SKILLS

- 3D Design : Fusion 360, Sketching, Assembly, Drafting
- 3D Design : CATIA, Part Design, Assembly, Surface Finishing, Drafting
- 2D Design : AutoCAD, Sketching
- Programming Language: Basic Python, MatLAB

STRENGTHS

- Disciplined and Responsible
- Quick Learner
- Problem Solving
- Time Management

CERTIFICATIONS

- Cisco : Introduction to cybersecurity
- Codsoft: Python Programing
- MatLAB: Onramp, Simulink, Simscape

INTERNSHIP EXPERIENCE

Codsoft Online Internship

Python Programming | 2023-July

- Acquired experience in application-based Python programming.
- Skills Acquired: Enhanced my logical thinking

PROJECTS

Optimization Of Welding Parameters by using TLBo Algorithm

- Using MATLAB programming, we determined the welding parameters.
- Additionally, we have completed basic Ansys thermal simulation.
- Now, we are developing the TLBo algorithm programming method

Obstacle Avoiding Grass Cutter Robot

- By employing an Arduino microcontroller device
- We have created a robot capable of avoiding obstacles. When an obstacle enters a certain range, the robot stops and changes its direction.

ONGOING PROJECT

Floor Heating with application of heat pump

- Here, we are designing and implementing a floor heating system for military tents using a heat pump.
- So far, we have completed the calculation part of the heat pump. Next, we will take live prototype readings.