

SOHAM CHAVAN

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SUMMARY

As a Electronics and Telecommunications Engineering student, I am deeply passionate about the field and specialize in developing and implementing hardware solutions. I am enthusiastic about leveraging my programming skills to drive technological advancements. Committed to integrating theoretical insights with practical applications, I am actively seeking opportunities to contribute to innovative industry initiatives.

EDUCATION

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, PUNE Jun 2022 - Mar 2025
B.E. in Electronics and Telecommunications Engineering

JAWAHAR NEHRU VIDYALAYA , BARBADA Mar 2019 - Mar 2022
HSC

CAMBRIDGE HIGH SCHOOL, NANDED Mar 2009 - Mar 2019
SSC

SKILLS

- **Languages:** Basics of C/C++, Working Knowledge of C, Hands on experience of electronic sensors, Basics of OOPS and DSA
- **Technical Skills:** Project Management, Leadership, Teamworking

PROJECTS

SOLAR GRASS CUTTER ROBOT MARCH- 2024

- Developed a solar-powered grass cutter robot using the ESP32.
- The project involved designing and implementing an autonomous robotic system capable of efficiently cutting grass.
- Key features include solar panels for sustainable energy, sensor integration for obstacle detection, and remote control capabilities.
- This project demonstrated proficiency in embedded systems, renewable energy applications, and robotic automation.

PORTABLE AIR COOLER DEC-2023

- The project utilizes components like an induction motor, exhaust fan, humidity sensor, and microcontroller for automated room climate control.
- It adjusts humidity, activates cooling, integrates with smart home tech, and personalizes settings using machine learning.
- The system boosts energy efficiency, supports sustainability, and may incorporate air quality and occupancy sensors for smart living spaces.

ACTIVITIES AND CERTIFICATES

- PYTHON 3.4.3 Training Spoken Tutorial- IIT BOMBAY
- E-sim Test - IIT BOMBAY
- Electric Vehicle Design by Great Learning