# HARSH RAJ

ENGINEERING STUDENT

## CONTACT


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## EDUCATION

**2020 - 2022**
**ST. JOSEPH'S PUBLIC SCHOOL**

- Class XII
- Aggregate: 90%

**2022 - 2026**
**VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES**

- Bachelor of Technology (IIOT)
- GPA: 3.5 / 4.0

## SKILLS

- Internet of things
- Java,C++,Python
- Artificial intelligence
- Robotics
- Blockchain Technology
- Electronics design
- Critical Thinking
- Teamwork

## LANGUAGES

- English (Fluent)
- Hindi (Fluent)

## PROFILE

I am a third-year student pursuing a Bachelor's in IoT Engineering, driven by a strong passion for learning and innovation. With a solid foundation in coding languages, electronics, and robotics, I possess extensive knowledge in managing components such as Arduino and other microcontrollers. My effective communication abilities and leadership qualities have been demonstrated through organizing local meetups and events. I excel in managing responsibilities efficiently and clearly communicating technical information. Fluent in English, I am a versatile and proactive individual ready to take on new challenges.

## WORK EXPERIENCE

- **Dapps.co**
  Co-Lead
  - Organized local meetups, workshops, and events, collaborating with other chapter leads to foster knowledge sharing and collaboration.
  - Demonstrated leadership and public relations skills, effectively managing and promoting various initiatives.
  - Proficient in blockchain, web development, and software documentation, with a strong ability to communicate technical information clearly.

## PROJECTS

- **Auto-Pico**
  - Created a USB Rubber Ducky using a Raspberry Pi Pico, making it cost-effective at around $6.
  - Removed the micro USB and soldered a USB-A for enhanced device versatility.
  - Developed payloads for various task automation, increasing the device's functionality.
- **AI Drone**
  - Developed an AI drone using a Raspberry Pi 4 and ArduPilot flight controller, capable of detecting humans and following them.
  - Implemented obstacle detection and avoidance features to enhance the drone's functionality and safety.

## EXTRACURRICULAR ACHIEVEMENTS

- Constructed projects in numerous hackathons, including HackMait '23, Code4Cause, and Smart India Hackathon (SIH 2023).
- Volunteered at various Web3 and blockchain events nationwide, actively participating in events, conferences, and community meetups.