

# ALVIN SONNY

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## SUMMARY

I am a quick learner and a tech enthusiast focused on Red Teaming and Offensive Security. Whether it's building tools or bringing quirky ideas to life, I love projects that make a positive impact on society. Passionate about Ethical Hacking, I love the challenge of finding vulnerabilities. I work well in team environments and am looking for creative ways to break, build, and secure technology.

## PROJECTS

### 1. Portfolio Website:

- Designed and developed a personal portfolio website to showcase projects, skills and achievements.
- Tools/Tech: HTML, CSS & JavaScript
- Link: [alvinunleashed.live](http://alvinunleashed.live)

### 2. Qubo Labs - Smart Attendance Monitoring System:

- Developed a smart attendance system for large events/auditoriums using static seat-based QR codes.
- Designed a verification mechanism using a blockchain-inspired linking pattern to eliminate proxy attendance.
- Tools/Tech: HTML, CSS, JS, PHP, MySQL, WebAuth, Various JS Libraries.
- Link: [Github](#)

### 3. Sign-to-Speech Converter (ESP32-CAM) - Prototype:

- Built a real-time sign-to-speech converter using ESP32-CAM for accessibility support.
- Tools/Tech: ESP32-CAM, Computer Vision (basic) - YOLOv5

## EDUCATION

MVJ College of Engineering 2023 - 2027  
Bachelor of Engineering in Computer Science  
Cumulative GPA: 9.05

St. Vincent Pallotti PU College 2021 - 2023  
Grade 11 and Grade 12  
Cumulative Score: 88.83%

St. Antony's Public School 2020  
Grade 10  
Cumulative Score: 93.5%

## SKILLS

- HTML, CSS, JavaScript
- Python Language
- MySQL Database
- Git & Github
- Linux OS (Kali Linux)

## INTERESTS

- Ethical Hacking & Cyber Security
- CTF Challenges on TryHackMe
- Robotics & Automation
- Open Source Contributions

## LANGUAGES

- Fluent in English, Malayalam.
- Conversational Proficiency in Hindi, Kannada, Tamil.

## OTHER

- Participated in project exhibitions and hackathons.
- Worked on multiple Arduino/ESP32 mini-projects.
- Created UI/Design assets for projects (Canva/Figma)
- Actively build and maintain projects on Github.