

# RAJA Murugesan

Ethical Hacker



## About Me

Creative and technically skilled individual with extensive experience in software development, school server management, and community-driven projects. Dedicated to creating impactful cybersecurity solutions and fostering innovation in technology.

## Skills

**Programming Languages :** Python, C, C++, C#, and Java

**Web Development:** HTML, CSS, JavaScript, Flask

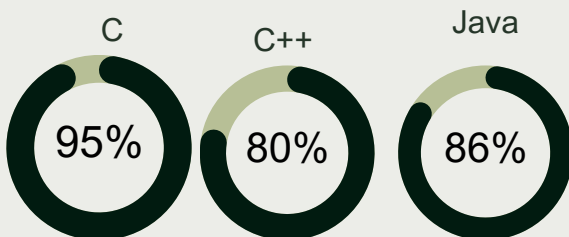
**Cybersecurity:** Pentesting, Ethical Hacking, Bug Bounties, VAPT, Mobile Pentesting

**Project Management :** Team Leadership, Cross-functional Collaboration

## Education:

D.A.V. BOYS SR SEC SCHOOL,  
GOPALAPURAM  
Class 12 (CBSE)  
[Graduation : 2025]

## Language:



+91 9840043349

www.rcyber.tech

Chennai

## Certifications & Achievements

### Policy Enforcement Assistance

- Collaborated with the Principal to track and address accounts violating school policies.
- Played a vital role in creating innovative technological solutions for the school community.
- Recognized for exceptional commitment and dedication to school projects.

### Darvis Team Coordinator

- Oversaw more than 1000 commits to the school website and ensured optimal performance.
- Worked closely with school staff to manage the school server.

### Deepika Team Technical Head

- Led technical initiatives and managed team deliverables effectively.

### Jarvis Team Coordinator & Technical Lead

- Spearheaded various technical projects and team operations.

### Live Stream Management

- Successfully executed the 75th Independence Day live stream for the school.

## Projects

### For the School:

- Board Exam Analyzer: Automated DAV boys' results computation.
- Certificate Generator: Streamlined certificate creation using databases, adaptable for ID cards.

### For Teachers:

- Medical Stock Booking Website: Developed for Seetha Lakshmi Ma'am.
- Campus Chronicles Management System: Enhanced document and web integration,

### Personal Projects:

- 150-page websites honoring teachers' contributions.
- Collaborative AI tool for personalized usage.
- All-India level competition app for peers.
- Time Table Generator and SQL Compiler Online.

### Cybersecurity & Privacy Tools

#### Development:

- OSINT Tool for User Data Extraction – Developed an OSINT tool to search databases and extract detailed user information.
- WhatsApp Location Tracker – Built a real-time WhatsApp location tracker using GPS and network data for accurate geolocation.
- Anonymous Email Sender via Tor & VPN – Created an anonymous email sender that uses Tor, VPN, and time anomaly to ensure untraceable communication.

## Honourable Mentions

- **Honorable Mention** in Meta Bug Bounty Program for identifying a vulnerability, recognized as the first Indian under 18 to receive this honor.
- Kola matrix 2nd place
- Created and managed 100+ personalized websites dedicated to honoring teachers, showcasing their achievements and impact.  
(link : [kavitha.guru](https://kavitha.guru))
- 1st Place, Anna University Codathon (State Level)-2024, 2nd place-2023
- 2nd Place, PS Codessey App Making (District Level) (2023)
- 5th Place, Galaxy Technology Quiz (State Level)
- 54th Place, International CTF Competition
- Official Recognition from Tamil Nadu Government for Securing TNEB Website
- LOR from NASA for Website Security Contributions
- State level S.R.M Codathon 1st place

## Projects

- **Automated Penetration Testing Toolkit –**  
Developed an automated suite for penetration testing to identify vulnerabilities and assess system security.
- **Automated Antivirus & Malware Detection –**  
Designed an automated tool that scans and detects malware and viruses, leveraging machine learning for advanced threat detection
- **Malware Data Exfiltration via Discord Webhook --** Developed a malware tool that sends stolen data (like keystrokes, screenshots, or system information) via Discord webhooks to a remote server, facilitating covert data exfiltration.
- **Phishing Detection Tool --** Created a tool to analyze URLs and emails to detect phishing attempts and malicious content, warning users of potential threats.
- **Password Strength Analyzer --** Built a tool that evaluates the strength of user passwords and suggests improvements based on common vulnerability patterns.
- **Two-Factor Authentication (2FA) Implementation Tool --** Developed a tool that helps users easily enable and configure two-factor authentication (2FA) across different online platforms.
- **IoT Device Security Scanner --** Designed a tool that scans and audits IoT devices on a network for security flaws, such as weak passwords or outdated firmware.
- **Vulnerability Scanner for Websites --**  
Created a scanner that detects common security flaws like SQL injection, Cross-Site Scripting (XSS), and other vulnerabilities in websites or web apps

## Work experience

### Cyber Forensics Intern – Alibi Global

- Completed a one-year internship specializing in digital forensics, cybercrime investigations, and threat intelligence analysis in collaboration with the Tamil Nadu Cyber Crime Department. Gained hands-on experience in evidence acquisition, malware analysis, forensic imaging, and incident response. Assisted in real-world cybercrime cases, analyzing digital footprints, recovering deleted data, and generating forensic reports. Worked alongside law enforcement agencies and cybersecurity experts to track cyber threats, investigate security breaches, and enhance digital evidence handling procedures.

### AI Intern – National Institute of Technology

- Worked on an AI-powered e-waste management system at NIT India, focusing on automated waste classification, predictive analytics, and sustainability solutions. Developed machine learning models to optimize electronic waste sorting and recycling, improving efficiency and reducing environmental impact. Conducted data analysis on e-waste disposal patterns, collaborated with research teams and faculty, and contributed to AI-driven decision-making systems for sustainable waste management..