# Kavinraj R

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## CAREER OBJECTIVE

Passionate cybersecurity student seeking an internship to apply and enhance my skills in ethical hacking, network defense, and vulnerability assessment while contributing to real-world security projects.

## WORK EXPERIENCE

### Cybersecurity Club Member                                    Jun 2024 - Present

Computer Society Of India – SRM Valliammai Engineering College, Kattankulathur

- Collaborated with club members to conduct network-security practice sessions and vulnerability analysis on test systems.
- Helped prepare brief security reports and presentations on findings for internal club meets.
- Assisted in organizing weekly discussions on ethical-hacking tools like Nmap, Wireshark, and Burp Suite.
- Supported the club's technical activities by mentoring juniors during lab demonstrations and workshops.

## EDUCATION

### B.E In Cyber Security,                                        2024 - 2027

Srm Valliammai Engineering College

## PROJECTS

### Network Vulnerability Assessment
Aug 2024 - Oct 2024

- Conducted a vulnerability scan of a simulated network using Nmap and Wireshark.
- Identified open ports and potential vulnerabilities and created a basic remediation plan.
- Documented findings and presented them as part of the club's internal review session.
  Skills Used: Network Security, Ethical Hacking, Nmap, Wireshark

### Iot temperature and monitoring system
Jul 2024 - Aug 2024

- Developed an IoT-based system that automatically monitors temperature and adjusts fan speed based on real-time data.
- Used an ESP32 microcontroller to enable Wi-Fi connectivity and seamless data transmission.
- Integrated a DHT11 temperature sensor and relay module to handle the hardware automation part.
- Sent live temperature and fan status data to the ThingSpeak cloud platform for continuous tracking.
- Designed a custom dashboard to visualize temperature readings and automate fan control efficiently.
- Gained practical experience working with sensors, cloud connectivity, and IoT-based automation systems.
- Discovered key security challenges in IoT devices, which sparked a strong interest in learning how to secure connected systems.

## SKILLS

- English Proficiency (Written)
- MATLAB
- Linux
- Written Communication
- Web Application Security
- English Proficiency (Spoken)
- ESP32
- Networking
- Kali Linux
- VAPT
- AutoCAD
- Python
- Cybersecurity
- Ethical Hacking

## EXTRA CURRICULAR ACTIVITIES

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  - Participated in college hackathons and capture-the-flag (CTF) cybersecurity events.
  - Attended webinars and workshops on ethical hacking, AI in security, and network protection.
  - Member of the Computer society of India Club in college.
  - Created digital posters and awareness materials for club Instagram post
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  - Actively learning cybersecurity beyond academics through YouTube, blogs, and online platforms.
  - Passionate about ethical hacking, cyber laws, and digital privacy.
  - Exploring tools like Kali Linux, Nmap, and Wireshark for hands-on learning.
  - Keen to join tech communities and gain real-world cybersecurity experience.