





PRIYADHARSHAN VADIVEL

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Professional Summary

Passionate Cybersecurity Intern with hands-on experience in penetration testing, vulnerability assessment, and ethical hacking. Completed multiple internships, gaining expertise in network security, web application security, and malware analysis. Skilled in using industry-standard tools like Burp Suite, Metasploit, Nmap, SQLMap, and OWASP ZAP. Successfully developed security-focused projects, including a Keylogger Scanner for Linux. Strong problem-solving mindset with a continuous learning approach to offensive security and red teaming.

Education

Sri Krishna College of Technology

Sep 2023 - Sep 2027

Bachelor of Engineering (BE), Cybersecurity

- **Achievements:** Hackathon Excellence: Secured 1st place at Science Expo 24 with Web-Prowler, demonstrating leadership and technical expertise., Tool Integration: Improved team efficiency and project outcomes by integrating multiple tools during the 59 Days, 59 Tools initiative., Internship Impact: Completed four cybersecurity internships in penetration testing and network security., Community Leadership: Increased DedSec Jr's knowledge-sharing sessions by 50% through workshops and mentoring programs.

Professional Experience

Shamgar Software Solutions

Feb 2025 - Present

Cybersecurity Analyst Intern

virtual

- Developed an Employee Task Management System to streamline task allocation and tracking, improving team productivity and task visibility
- Designed an intuitive UI for seamless and user-friendly task management, enhancing user experience and reducing training time
- Implemented role-based access control (RBAC) for secure data handling, ensuring data integrity and compliance with security protocols

TBH

Dec 2024 - Jan 2025

Cybersecurity Intern

Thiruvananthapuram, Kerala

- Gained hands-on experience in ethical hacking, vulnerability analysis, and OSINT, enhancing security protocols and identifying potential threats
- Conducted website penetration testing using Burp Suite, Nessus, and SQLMap, identifying security vulnerabilities and recommending improvements
- Performed reconnaissance, footprinting, and social engineering techniques, utilizing tools like Recon-ng and ProxyChains to gather critical information and improve security measures

Hacktify Cyber Security

Feb 2025 - Mar 2025

Cybersecurity Intern

virtual

- Gained hands-on experience in penetration testing and vulnerability assessment, enhancing skills in ethical hacking using tools like John the Ripper and SQLMap
- Identified and mitigated security vulnerabilities in real-world challenges, improving system security and aligning with OWASP Top 10 standards
- Conducted security research and implemented best practices for securing applications and networks, leading to enhanced protection against potential threats

The Red Users

Feb 2025 - Mar 2025

Cybersecurity Intern

virtual

- Worked on real-world cybersecurity projects, enhancing penetration testing and vulnerability assessment skills, which improved the security posture of client systems
- Gained hands-on experience with various security tools and methodologies, leading to more efficient identification and mitigation of security vulnerabilities
- Contributed to research and analysis of cybersecurity threats and trends, providing valuable insights that informed strategic security decisions

Dedcell Solution

Jul 2024 - Present

Self-employed

- Conducted penetration testing and vulnerability assessments to secure client systems and networks, contributing to 30% sales growth
- Spearheaded system administration and IT infrastructure improvements, enhancing network security by 40%.
- Managed sales, marketing, and operations, increasing business efficiency and enabling sustainable growth.

Prompt Infotech

Aug 2024 - Sep 2024

Intern - Networking and Network Security

Coimbatore

- Focused on networking fundamentals and network security best practices, contributing to 25% improvement in system protection.
- Gained hands-on experience in network analysis, helping to implement defensive measures for client infrastructures.

Projects

CenSecure

Aug 2024 - Oct 2024

- Developed an open-source IoT security tool with real-time traffic monitoring, log analysis, and AI-driven threat detection.

Web-Prowler

Feb 2024 - Apr 2024

- Designed an advanced network scanning tool that provides real-time risk analysis, exploit detection, and comprehensive reporting, empowering businesses to identify and mitigate vulnerabilities.

keyguard

Jan 2025 - Feb 2025

- Developed a Keylogger Detection Tool to scan .deb package files for malicious keyloggers.
- Designed for Linux-based systems, ensuring secure package installations.
- Implemented a 30-second scan timeout for efficient analysis.

HookScan

Jan 2025 - Mar 2025

- Built HookScan, a Python tool to detect phishing URLs using domain age, SSL, Google Safe Browsing, and more.
- Designed a risk scoring system combining multiple threat indicators for smarter detection.

Technical Skills

- **Penetration Testing Tools:** Nmap, Metasploit Framework, Wireshark, Burp Suite, SQLMap, OWASP ZAP, Recon-ng, Nikto, DNSRecon, Networking
- **Password Cracking Tools:** John the Ripper, Hashcat, Hydra
- **Network & System Security:** ProxyChains, TOR, OpenVPN, BEF, Cybersecurity Engineering
- **Operating Systems:** Kali Linux, Windows, Linux, Mac
- **Programming & Scripting:** Python, Bash, PowerShell, SQL
- **Web Security:** Proficient in identifying vulnerabilities aligned with OWASP Top 10
- **Networking:** TCP/IP, subnetting, routing, firewall configuration
- **Soft Skill:** Leadership, Communication, Public Speaking, Time Management, Adaptability

Certifications

- **Network Security:** Network Security
- **Metasploit for Beginners: Ethical Penetration Testing:** Ethical Penetration Testing

Achievements

- **Hackathon Excellence:** Secured 1st place at Science Expo 24 with Web-Prowler, demonstrating leadership and technical expertise.
- **Tool Integration:** Improved team efficiency and project outcomes by integrating multiple tools during the 59 Days, 59 Tools initiative.
- **Internship Impact:** Completed 4 cybersecurity internships, gaining expertise in penetration testing, vulnerability assessment, and security research.
- **Community Leadership:** Increased DedSec Jr's knowledge-sharing sessions by 50% through workshops and mentoring programs.
- **Workshop Leadership:** Organized and conducted the Blackout Workshop by DedSec, training participants in ethical hacking techniques.
- **Community Impact:** Launched AegisZ-Academic YouTube channel, educating students on cybersecurity, finance, and self-improvement.
- **Public Speaking & Teaching:** Conducted ethical hacking sessions for juniors, sharing hands-on experience and industry insights.