Pranav Jayan

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Professional Summary

Cybersecurity professional driven by a childhood passion, with proven expertise in web application penetration testing, vulnerability assessments and threat analysis. Conducted dozens of security audits for multinational organizations, startups and multinational teams—identifying OWASP Top 10 flaws and guiding swift remediation to reduce risk exposure. Proficient in vulnerability assessment, I translate deep technical findings into clear security reports.

Education

Bachelor of Technology, Computer Science Engineering   Ernakulam, Kerala
APJ Abdul Kalam Technological University   2023-207

Core Skills

- Vulnerability Assessment, Penetration Testing (Web, API Testing,Network)
- Kali Linux, Nmap, Burp Suite, Nessus, OWASP ZAP, Nikto, Linux/Unix, Git and GitHub, OWASP Top 10, Networking Protocols.

Experience

Think Software Pvt ltd (Contract)   Oct 2024 – Jan 2025
- Conducted comprehensive assessments to identify and mitigate vulnerabilities in API endpoints and web applications.
- Responsible for detecting and addressing potential security issues to enhance application protection and resilience.
- Skilled in testing for OWASP Top 10 vulnerabilities, such as SQL injection, broken authentication, etc.

ShadowFox (Internship)   May 2024 – Jun 2024
- Gained hands-on experience in identifying and reporting security vulnerabilities in professional environments.
- Familiar with testing for OWASP Top 10 vulnerabilities to strengthen application security posture.

Projects

[Scope](#)

- Shadow Cache Observation, Poisoning & Exploiter is a powerful tool designed to help security engineers or web pentesters for finding and testing vulnerabilities in subdomains that might be exposed to cache poisoning attacks. It assists in locating misconfigurations and potential exploits in cache behaviors.

[CJE](#)

- Cookie Jar Exploiter is a Go-based security tool that tests web applications for vulnerabilities related to cookie handling, specifically Cookie Jar Overflow and Session Fixation. It reads subdomains from a file and performs targeted HTTP requests to identify potential security risks in session management.

Achievements

- Reported and resolved 50+ vulnerabilities on [Bugcrowd](#) (Shogan Level 5 Warrior) and [Hackerone](#)
- Received monetary reward from self hosted bug bounty programs (Unity Technologies, MissiveApp etc)
- Young Researcher Award for International Research Excellence Awards 2024 by dprg.co.in in the field of cybersecurity
- Received 30+ Hall Of Fame from NASA, US Government Orgs, Lenovo, Unilever, OLX, Air Canada, Bord Gais etc
- Secured isro.gov.in , kerala.gov.in , gov.in , up.gov.in , telagana.gov.in under NCIIPC RVDP

Extracurricular Activities

- Experienced Cybersecurity Club Team Lead and Technology Lead at IEDC Club with a strong focus on leadership, cybersecurity awareness, and team building. Skilled in public speaking, having delivered multiple sessions on Cybersecurity Awareness to educate students on digital safety. Additionally, I volunteer with FOSS Club, contributing to open-source projects.

- Completed [Secure-KTU,](#) a documented vulnerability assessment project under GEC Thrissur, where I found 8 vulnerabilities to enhance cybersecurity measures within educational institutions. Served as a rural cybercrime volunteer at Kerala Cyberdome Thrissur, promoting cybersecurity awareness in local communities.

Certifications

- CNSP - Certified Network Security Practitioner by SecOps Group
- Sql Injection Attacks - by EC-Council
- OCFA - Opswat Cybersecurity Fundamentals Associate