Salmon Kumar C

Cybersecurity Engineer

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Technical Skills

Languages: Python, JavaScript, C, Bash, SQL
Tools: Burp Suite, OWASP ZAP, Wireshark, Postman, Metasploit, Nmap, Nessus, Nikto, SQLMap
Technologies: Linux, Docker, Git, Secure SDLC, Networking and Protocols, OWASP Top 10
Pentesting: Web, API, Network, Mobile (Android)

Professional Experience

Cybersecurity Engineer – Talrop   **Jan 2025 – Present**

- Perform comprehensive Vulnerability Assessment and Penetration Testing (VAPT) for Web Applications, APIs, and Networks, identifying security flaws aligned with OWASP and CVSS standards.
- Develop custom security scripts and tools in Python to enhance efficiency in reconnaissance, scanning, and reporting processes.
- Implement endpoint security and policy enforcement using Hexnode, ensuring continuous compliance and asset visibility across the organization.

Full-Stack Developer Intern – Talrop   **May 2024 – Dec 2024**

- Designed and deployed secure web applications using React, Django, and RESTful APIs, ensuring adherence to authentication, authorization, and data protection standards.
- Participated in SDLC security reviews, implemented input validation and secure coding principles to prevent OWASP Top 10 vulnerabilities.
- Enhanced application performance through debugging, security patching, and backend optimization.

Projects

CrawlX   *Bash, API Integration*

- Developed automated reconnaissance tool integrating 15+ APIs (VirusTotal, Shodan, URLScan) for large-scale URL and OSINT data collection.
- Achieved 10K+ URL discovery per domain using optimized multi-threaded crawling, rate-limiting, and filtering mechanisms.

EnumerX   *Bash, DNS, Automation*

- Built automation framework combining 10+ tools (Subfinder, Amass, Puredns) for fast and reliable subdomain enumeration.
- Integrated passive and active DNS reconnaissance with bulk domain support, error handling, and detailed reporting.

Achievements

Bug Bounty Hunter (Independent)   **2023 – Present**

- Identified and responsibly disclosed 150+ vulnerabilities across SaaS platforms, improving product security posture and earning Rewards and Hall of Fame mentions.
- Recognized by leading organizations via HackerOne, Bugcrowd, and private programs for impactful vulnerability findings and detailed security reports.

Certifications

API Penetration Testing – APIsec University	**2025**
Certified AppSec Practitioner – The SecOps Group	**2023**
Jr Penetration Tester – TryHackMe	**2023**

Education

Scad College of Engineering and Technology   **2020 – 2024**
B.E. Computer Science and Engineering, CGPA: 7.8   Tirunelveli, Tamil Nadu