Arjun Sampathkumar

Penetration Tester & Cybersecurity Researcher

Chennai, Tamil Nadu, India
0xArjun@gmail.com

Education

- **KL University** - B.Tech CSE Honors: Specialization in Cybersecurity. *CGPA: 9.24 | 2021 - 25*
- **Jain Vidyaashram** - CBSE (+2) Higher Secondary: Science Major. *Scored: 84% | 2019 - 21*

Experience

https://linkedin.com/in/admiralarjun

- **Vulnerability Assessment & Penetration Testing Intern, WhizzC Pvt Ltd** *Aug' 2024 - Present*
  Full Time
  - Executed 4 Web and 2 Network Penetration Tests across 6 diverse clientele.
  - Single-handedly uncovered 7 critical & 16 high severity bugs in applications & networks.
  - Assisted in CVSS scoring and drafting 7 client-ready professional Pentest Reports.
- **Student Peer Mentor & Teaching Assistant, KL University** *Apr' 2022 - Apr' 2024*
  Part Time
  - Mentored 40 peers in Cryptography, Computer Networks & Security related courses.
  - Conducted 20 study sessions, provided coursework guidance, and assisted in lab hours.

Skills

- **Penetration Testing:** Web Application (OWASP/CWE), Cloud (AWS/Azure) APIs, Network, & Active Directory.
- **Administration:** Apache/Nginx, Hosting, Deployment, Cloudflare, Web Application Firewall rule writing.
- **Tooling:** Burp Suite, SQLMap, Metasploit, Nmap, OWASP Zap, Nikto, Recon-ng, Bloodhound, MobSf, Nessus.
- **Software Development:** C, Bash, Powershell, PHP, Python, Django, FastAPI, Java-Spring, React, NodeJS.

Certifications

https://www.credly.com/users/admiralarjun

- CompTIA Security+ SY0-701. *Apr' 2024*
- Certified Ethical Hacker - CEH v12. *Jul' 2023*
- AWS Cloud Practitioner. *Jun' 2023*
- Juniper Networks Certified Associate, Junos (JNCIA-Junos). *Jan' 2023*
- (ISC)² Certified in Cybersecurity℠ - CC. *Oct' 2022*
- Microsoft: AZ-900 & SC-900. *Sep' 2022*

Projects

https://github.com/admiralarjun

- **hacklido.com** - Infosec blogging & publishing platform | 6k+ users, 150k+ Reads / Month. *LAMP*
- **codelido.com** - Developer's community for blogging | 2k+ users, 15k+ Reads / Month. *LAMP*
- **dorkit** - Browser-based Automated Google Dorking Tool for pentesters | 350k+ Dorks / Month. *ReactJs*
- **PRVigil** - Makes sure that only legitimate code contributions are merged into your FOSS projects. *Django*
- **IT Log Analyzer** - In house log analyzer for detecting potential threats, triaging and remediating. *Django*
- **AuditX** - Compliance as code platform to manage and execute CIS benchmark scripts. *FastAPI*
- **SemGrepConsolidator** - Automate semgrep scans and consolidate reports into SARIF format. *Python*
- **Reconator** - Automated Web Application Recon Tool that is bootstrapped with pentesting tools. *Python*

Research Publications

https://orcid.org/0009-0006-8874-6115

- Mitigating Software Package hallucinations in Open Source LLM Models. *Awaiting: IEEE*
- Beyond Text: Nefarious Actors Harnessing LLMs for Strategic Advantage. *IEEE*
- Novel Attack Vector to abuse AWS for Cryptojacking. *IEEE*
- Defending AWS Cloud Infrastructure using Deceptive Defense. *IEEE*
- Beyond Copy-Pasting - Contextualizing LLMs for Secure Code Generation. *Awaiting: Springer*

Achievements & Honors

- Runner-Up in Smart India Hackathon - SIH 2023: India's biggest hackathon.
- Technical Director of White Hat Hackers Club - Conducted 3 national level CTFs, Delivered 5+ talks on cyber-career.
- Recognized as LinkedIn's Cybersecurity Community Top Voice (Golden Badge) for contributing to collaborative articles.
- Top 1% In TryHackMe, Solved over 100+ challenges in PortSwigger Labs and a active CTF participant.

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