

ARJUN SAMPATH KUMAR

Penetration Tester & Cybersecurity Researcher

Chennai, Tamil Nadu, India

OxArjun@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 clients.
 - Single-handedly uncovered 7 critical & 16 high severity vulnerabilities.
 - Assisted in CVSS scoring and drafting 7 client-ready Pentest Reports.
- **Student Peer Mentor & Teaching Assistant, KL University** Apr' 2022 - Apr' 2024
Part Time
 - Mentored 40 peers in Cryptography, Computer Networks & Security courses.
 - Conducted 20 study sessions, provided coursework guidance, and assisted in labs.

Skills

- **Penetration Testing:** Web Application (OWASP/CWE), Cloud (AWS/Azure), REST APIs & Active Directory.
- **Administration:** Apache/Nginx, Hosting, Deployment, Cloudflare, Web Application Firewall rule writing.
- **Tooling:** BurpSuite, 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). Jan' 2023
- (ISC)² Certified in CybersecuritySM - 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
- **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+ CTFs, Delivered 2 talks on cyber-career.
- Recognized as LinkedIn's Cybersecurity Community Top Voice (Golden Badge) for contributing to articles.
- Top 1% In TryHackMe, Solved over 100+ challenges in PortSwigger Labs and a active CTF participant.

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