

# ARJUN SAMPATHKUMAR

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
  - Executed 4 Web and 2 Network Penetration Tests across 6 diverse clientele.
  - Single-handedly uncovered 5 critical & 12 high severity bugs applications & networks.
  - Assisted in CVSS scoring and drafting 7 client-ready professional Pentest Reports.
- **Product Security Intern, Together Corporation** Dec' 2023 - May' 2024
  - Developed and implemented rate-limiters and input sanitizers against injection attacks.
  - Performed secure code review to uncover 2 High, 5 Medium & 4 Low risk vulnerabilities.
- **Student Peer Mentor & Teaching Assistant, KL University** Apr' 2022 - Apr' 2024
  - Mentored 40 peers in Computer Networks & Security related courses.
  - Conducted 20 study sessions, provided coursework guidance, and assistance in labs for juniors.

## Skills

- **Penetration Testing:** Web Application (OWASP/CWE), APIs, Network, & Active Directory.
- **Administration:** Apache/Nginx, Hosting, Deployment, Web Application Firewall rule writing.
- **Tooling:** Burp Suite, SQLMap, Metasploit, Nmap, OWASP Zap, Nikto, Recon-ng & Bloodhound.
- **Software Development:** C, Bash, Ps, 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)<sup>2</sup> Certified in Cybersecurity<sup>SM</sup> - 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 2023 - SIH: 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.