

# ARJUN SAMPATHKUMAR

## CYBERSECURITY ANALYST

Chennai, Tamil Nadu, India

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### 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 4 critical & 12 high severity bugs 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*
  - 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 App (OWASP), Network, Active Directory, Cloud (Azure/AWS) & APIs.
- **Administration:** Apache/Nginx, Hosting, Deployment, WAF rule writing.
- **Tooling:** Burp Suite, SQLMap, Metasploit, Nessus, Nmap, Hashcat, OWASP Zap, Bloodhound.
- **Software Development:** C, JS, 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** - A leading Infosec blogging & publishing platform | 6k+ users, 150k+ Reads / Month.
- **codelido.com** - A modern developer's community for discussions, Q/A, blogging and resource sharing.
- **dorkit** - A Browser-based Automated Google Dorking Tool for pentesters to assist in the OSINT phase.
- **PRVigil** - Makes sure that only legitimate code contributions are merged into your FOSS projects.
- **IT Log Analyzer** - In house log analyzer for detecting potential threats, triaging and remediating.
- **AuditX** - Compliance and audit management platform to manage and execute CIS benchmark scripts.
- **SemGrepConsolidator** - Bootstraps semgrep scans and consolidate reports into SARIF format
- **Reconator** - Automated Web Application Recon Tool that is bootstrapped with pentesting tools.

### Research Publications

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

- Mitigating Software Package hallucinations in Open Source LLM Models. *Waiting: 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. *Waiting: Springer*