ARJUN SAMPATH KUMAR

Chennai, TN, India
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Latest Resume: https://arjun.guru/resume

EDUCATION

- **KL University:** B. Tech CSE Honors, Specialty: Cybersecurity.   *CGPA: 9.18 | 2021-25*
- **Jain Vidyaashram:** CBSE (+2) Higher Secondary: Science Major.   *Scored: 84% | 2019-21*

EXPERIENCE   *https://www.linkedin.com/in/admiralarjun/*

[STARTED] Cybersecurity Analyst, KPMG India   *July' 2025 – Present*

Cybersecurity Intern, KPMG India   *Jan' 2025 – July' 2025*

- Engineered a ***SaaS solution for artefacts analysis*** with AI driven insights for incident responders.
    - Built a custom log parsing engine for PCAP, EVTX, Cloud, Linux and other log formats.
    - Built a custom **AST-based, thread-safe rule & analysis engine** mapping *MITRE ATT&CK*.
    - Integrated **Gemini API & SDK** for real-time threat intel (grounding) and artefact correlation.
    - Implemented a custom framework: ***Agile Threat Hunting and Incident Response (ATHIR)***.
- Shadowed 2 Mobile and 1 Web App penetration testing engagements.

VAPT Intern, WhizzC Pvt Ltd   *Aug' 2024 – Dec' 2024*

- Executed 4 Web, 2 Network, 1 API & 1 Mobile App penetration tests across 7 diverse client groups.
- Single-handedly uncovered 7 critical & 16 high severity vulnerabilities during DAST engagement.
- Assisted in CVSS scoring and drafting of 9 professional penetration testing reports with POCs.

SKILLS

- **Penetration Testing**   Web Application (OWASP), Cloud (AWS) & REST APIs.
- **Administration**   Apache / Nginx, Hosting, Deployment, Cloudflare, WAF rule writing.
- **Tooling**   BurpSuite, Metasploit, Nmap, Zap, Nikto, MobSf, Nessus.
- **Software Development**   C, Bash, Ps, PHP, Python, Django, FastAPI, Java-Spring, React, NodeJS.

CERTIFICATION   *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 Cybersecurity℠ - CC.   *Oct' 2022*
- Microsoft: AZ-900 & SC-900.   *Sep' 2022*

PROJECTS   *https://github.com/admiralarjun*

- **hacklido.com** – A leading Infosec Blogging Platform **|** 6k+ Users, 150k+ Reads / Month.   *LAMP*
- **dorkit** - Browser-Based Automated Google Dorking Tool - OSINT **|** 350k+ Dorks / Month.   *ReactJS*
- **PRVigil** - Ensures that only PRs with healthy code is merged into your GitHub repository.   *Django*
- **AuditX** - Compliance as Code Platform to manage and execute audits using CIS.   *FastAPI*
- **SemGrepConsolidator** - Automates SemGrep SAST scans and export reports into SARIF.   *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 [Read]*
- Novel Attack Vector to Abuse AWS For Cryptojacking.   *IEEE [Read]*
- Defending Aws Cloud Infrastructure Using Deceptive Defences.   *IEEE [Read]*
- Beyond Copy-Pasting - Contextualizing LLMs for Secure Code Generation.   *Springer [Read]*