ARJUN SAMPATHKUMAR
CYBERSECURITY ANALYST

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Education

- **KL University** - B.Tech CSE with Honors: Specialization in Cybersecurity & Blockchain Technology. *CGPA: 8.5 | 2021 - 25*
- **Jain Vidyaashram** - CBSE (+2) Higher Secondary: Science Major. *Scored: 84% | 2019 - 21*

Academic & Professional Experience
https://linkedin.com/in/admiralarjun/

Product Security, Together Corporation (USA) *Dec' 2023 - Present / Project, Freelance*
- Developed and implemented rate-limiters and input sanitizers against injection attacks.
- Performed SAST & code review and discovered 2 High, 5 Medium & 8 Low risk vulnerabilities.

Student Peer Mentoring & Teaching Assistant, KL University (IN) *Apr' 2022 - Apr' 2024 / Part Time*
- Mentored 35 freshmen & sophomores in the following courses: *Computer Networks & Security, Full Stack: Django, Cryptanalysis, and Cyber Defense, Database Security & Digital Forensics.*
- Conducted 26 study sessions, provided coursework guidance, and assisted labs.
- Assisted in research & creation of teaching materials, quizzes, workbook, ALMs.

Founder, HACKLIDO (IN) *Feb' 2020 - Present / Part Time*
- Established and developing hacklido.com, The #1 Infosec-focused blogging & publishing platform.
- Publishing HQ newsletter issues for over 7k infosec enthusiasts every week.

Technical Skills

- **Penetration Testing:** Web App (OWASP), Host (Windows/Linux), Network, Active Directory, Cloud (Azure/AWS) & REST APIs.
- **Administration:** Apache/Nginx, Hosting, Deployment, WAF rule writing. Worked with SIEM, SOAR & XDR tools in Azure.
- **Tooling:** Burp Suite, SQLMap, Metasploit, Nessus, Nmap, Hashcat, OWASP Zap, Wireshark, OpenVAS, BloodHound.
- **Conceptual Knowledge:** OS internals, MITRE ATT&CK, GDPR, PCI DSS, HIPPA, SOC2, DMCA and Industrial best-practices.
- **Software Development:** C, JS, Bash, Ps, PHP, Python-Django, Java-Spring, & MERN - MongoDB, Express, React & NodeJS.

Certifications & Licenses
Verify certifications via Credly

- 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: Azure Fundamentals. *Sep' 2022*
- Microsoft: SC-900: Security, Compliance, and Identity Fundamentals. *Sep' 2022*

Projects
https://github.com/admiralarjun

- **hacklido.com** - A leading Infosec-focused blogging publishing platform for security researchers. *LAMP*
- **codelido.com** - A modern developer's community for discussions, Q/A and resource sharing. *LAMP*
- **dorkit** - A Browser-based Automated Google Dorking Tool for pentesters to assist in OSINT. *React, MUI & Firebase*
- **Phishing Detection Solution** - Built for Kavach 2023 - Cybersecurity Hackathon. *Py, Firebase & AWS*
- **IT Log Analyzer** - In house log analyzer for detecting potential threats, triaging and remediating. *Django, React*
- **Reconator** - Automated Web Application Recon Tool that is bootstrapped with pentesting tools. *Nmap, Dig & Bash*

Research Publications

- **IEEE TDSC:** Mitigating Software Package hallucinations in Open Source LLM Models. *IEEE Journal - Awaiting Acceptance*
- **ISCS-24:** Beyond Text: Nefarious Actors Harnessing LLMs for Strategic Advantage. *IEEE Conf. - Awaiting Publication*
- **ICAAIC -24:** Novel Attack Vector to abuse AWS for Cryptojacking. *IEEE Conf. - Awaiting Publication*
- **ICOECA-24:** Defending AWS Cloud Infrastructure using Deceptive Defense. *IEEE Conf. - Awaiting Publication*
- **ICICDS-24:** Beyond Copy-Pasting - Contextualizing LLMs for Secure Code Generation. *Springer Conf. - Awaiting Publication*

Achievements & Honors

- Runner-Up in Smart India Hackathon 2023 - SIH: India's biggest hackathon and World's largest innovation modelling contest.
- Technical Director of White Hat Hackers Club - Conducted 3 national level CTF events via the club, Delivered 5+ talks on cyber-career.
- Recognized as LinkedIn's Cybersecurity Community Top Voice (Golden Badge) for contributing to collaborative articles.