ARJUN S
CYBERSECURITY & PEN-TESTING

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Academic & Professional Experience

Product Security Manager, Together Corporation | [Remote, USA]   *Dec' 2023 - Present*
- GrowDay - A AI powered ECommerce SaaS Application offering
  - Managed a team of 5 developers on Application security aspects of Django (FastAPI) + Next.js stack.
  - Developed and implemented rate-limiters and sanitizers against user-inputs to prevent injection attacks.
  - Implemented Static Application Security Testing (SAST) using SNYK CODE.
  - Performed manual code review and discovered 2 High, 5 Medium & 8 Low risk vulnerabilities in Phase 1 of SDLC.

Student Peer Mentoring & Teaching Assistant, KL University | [Andhra Pradesh, IN]   *Apr' 2022 - Apr' 2024*
- Mentored 36 freshmen & sophomores in the following courses: *"Computer Networks & Security", "Python Full Stack: Django", "Software Engineering", "Cryptanalysis, and Cyber Defense", "Database Security" & "Digital Forensics".*
- Conducted 26 study sessions, provided coursework guidance, and assisted to resolve technical issues in 42 lab sessions.
- Assisted faculties in research & creation of teaching materials, assessments, quizzes, workbook, presentations, ALMs.
- Technical contribution in preparation of Skilling & Lab workbooks for the above respective subjects.

Founder & CEO, HACKLIDO | [Chennai, IN]   *Feb' 2020 - Present*
- Established and developing hacklido.com, a leading Infosec-focused blogging platform: 70+ Writers with 800+ blogs.
- Running a cybersecurity newsletter (Weekly) with 1k+ subscribers and drove community shop sales to $1.2K annually.
- Fostering relationships with cybersecurity sponsors (theXSSRat) and promotional channels for growth of the platform.
- Implemented robust security measures for user data, content integrity, platform's reliability & availability.
- Managing daily operations, including content curation, moderation, and other technical aspects.

Technical Skills

- **Penetration Testing:** Web Application (OWASP), Host (Windows & Linux), Network, Active Directory, Cloud (Azure / AWS) and REST APIs.
- **Administration:** Apache/Nginx, hosting, deployment, maintenance & Cloudflare WAF rule writing. Worked with SIEM, SOAR & XDR tools in Azure.
- **Tooling:** Burp Suite, SQLMap, Metasploit, Nessus, Nmap, Hashcat, OWASP Zap, Wireshark, OpenVAS.
- **Conceptual Knowledge:** OS internals, MITRE ATT&CK, NIST, ISO 27001, GDPR, PCI DSS, HIPPA, SOC2, DMCA and Industrial best-practices.
- **Software Development:** C, JS, Bash, Powershell, PHP, Python Full Stack, Java Spring Full Stack, MongoDB, Express, React & NodeJS (MERN) Stack.

Certifications & Licenses   *Verify certifications via LinkedIn*

- 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^{SM} - 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.   *Linux, Apache, MySQL & PHP*
- codelido.com - A modern developer's community for discussions, Q/A and resource sharing.   *Linux, Apache, MySQL & PHP*
- dorkit - A Browser-based Automated Google Dorking Tool for pentesters to assist in OSINT.   *ReactJS, Material UI & Firebase*
- Phishing Detection Solution - Built for Kavach 2023 - Cybersecurity Hackathon.   *Python, Firebase & AWS*
- IT Log Analyzer - Collects logs from remote agents to analyze for potential threats, triages and remediates them.   *Django, ReactJS & SQLite3*
- Reconator - Automated Web Application Recon Tool that is bootstrapped with reputed pentesting tools.   *Python, Nmap, Dig & Bash*

Research Publications

- *[IEEE Journal]* - Mitigating Software Package hallucinations in Open Source LLM Models.   *WIP - IEEE TDSC*
- *[IEEE Conference]* - Jailbreaking LLMs and weaponizing them for malicious deception.   *ISCS-24*
- *[IEEE Conference]* - Novel Attack Vector to abuse AWS for Cryptojacking.   *ICAAIC -24*
- *[IEEE Conference]* - Defending AWS Cloud Infrastructure using Deceptive Defense.   *ICOECA-24*
- *[Springer Conference]* - Beyond Copy-Pasting - Contextualizing LLMs for Secure Code Generation.   *ICICDS-24*

Education

- KL University - B.Tech CSE with Honors: Specialization in Cybersecurity & Blockchain Technology.   *Current CGPA: 9.24 | 2021 - 25*
- Jain Vidyaashram - CBSE (+2) Higher Secondary: Science Major (Mathematics, Physics, Chemistry, Biology & IT).   *Scored: 84% | 2019 - 21*

Achievements & Honors

- Finalist in Smart India Hackathon 2023 - SIH: India's biggest hackathon and World's largest innovation modelling contest.
- TryHackMe (Global Hands-on cybersecurity training platform) - Top 1% Global Ranking.
- Technical Director of White Hat Hackers Club - Conducted 3 national level cybersecurity CTF (Capture The Flag) events in university.
- Delivered 5+ talks and webinars on cybersecurity concepts and career in university national fiestas, Student Activity Center (SAC), etc.
- Awarded with LinkedIn Cybersecurity Community Top Voice for contributing to collaborative articles.