

Academic & Professional Experience

<https://linkedin.com/in/admiralarjun/>

- **Product Security Engineer, Together Corporation | [Remote, Part Time - USA]** Dec' 2023 - Present
 - GrowDay - A AI powered ECommerce SaaS Application offering
 - Lead 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, Part Time - IN]** Apr' 2022 - Apr' 2024
 - Mentored 45 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, Part Time - 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 5k+ subscribers and drove community shop sales up to 78% 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, BloodHound.
- 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, & MERN - MongoDB, Express, React & NodeJS Stack.

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 CybersecuritySM - 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. Nmap, Dig & Bash

Research Publications

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

- Runner-Up in Smart India Hackathon 2023 - SIH: India's biggest hackathon and World's largest innovation modelling contest.
- Top 1% Global Ranking in TryHackMe - A Hands-on cybersecurity training platform.
- 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 and Student Activity Center (SAC).
- Recognized as LinkedIn's Cybersecurity Community Top Voice (Golden Badge) for contributing to collaborative articles.