# ARJUN S
## CYBERSECURITY & PEN-TESTING

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## Academic & Professional Experience

**Product Security Manager, Together Corporation - USA | [Remote, IN]**  2023 - Present
- Developing and implementing robust security protocols and strategies for the product line.
- Conducting comprehensive risk assessments and addressing potential vulnerabilities promptly.
- Collaborating with cross-functional teams to integrate security measures into the product development lifecycle.
- Ensuring compliance with industry standards and regulations related to product security.
- Providing ongoing security training and support to team members.

**Student Peer Mentoring & Teaching Assistant, KL University | [Andhra Pradesh, IN]**  2021 - 2024
- Mentoring undergraduates in the following courses: *"Computer Networks & Security"*, *"Python Full Stack Development with Django"*, *"Software Engineering"*, *"Cryptanalysis, and Cyber Defense"*, *"Database Security"* & *"Digital Forensics"*.
- Conducting study sessions, providing coursework guidance, and assisting in query resolution in lab sessions.
- Collaborating with faculty on creating - teaching materials, assessments & innovative ALMs.
- Preparing Skill & Lab workbooks for the respective subjects & aiding in research aspects.

**Founder & CEO, HACKLIDO | [Chennai, IN]**  2020 - 2023
- Established and developing hacklido.com, a leading Infosec-focused blogging platform: 70+ Writers with 800+ blogs.
- Fostering relationships with cybersecurity sponsors (theXSSRat) and promotional channels for growth of the platform.
- Implementing robust security measures for user data or content integrity, platform's reliability & availability.
- Managing daily operations, including content curation, moderation, and technical aspects.

## Technical Skills

- Penetration Testing - Web Application, Host (Windows & Linux) / Network (Active Directory), Cloud (Azure / AWS) and APIs.
- Web Server (Apache/Nginx) Administration (Hosting, Deployment and maintenance) & Firewall Rules writing (Cloudflare WAF).
- Proficient in cybersecurity tools including Burp Suite, SQLMap, Metasploit, Nessus, Nmap, Hashcat, OWASP Zap, Wireshark, Snort, OpenVAS, with expertise in automating these through scripting using Bash and Python.
- Good understanding about OWASP, OS internals, Active Directory, Cybersecurity frameworks (MITRE ATT&CK, NIST, ISO 27001), Governance, Risk management, Compliance (GDPR, PCI DSS, HIPPA, SOC2) & Regulatory (DMCA, FISMA), Industrial best-practices concepts.

## Certifications & Licenses

- CompTIA Security+ SY0-701  **WIP**
- 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**
- Certification from IIT Bombay - Demystifying Networking (NPTEL)  **Oct' 2022**
- Microsoft: AZ-900: Azure Fundamentals  **Sep' 2022**
- Microsoft: SC-900: Security, Compliance, and Identity Fundamentals  **Sep' 2022**

## Software Development

- Python, Java, C, JS, Bash, PHP.
- MongoDB, Express, React & NodeJS (MERN) Stack.
- Django Full Stack.
- Java Full Stack With Spring.
- Bash & Powershell scripting.

  *(Full-Stack, Scripting & Automation)*

## Projects

- **hacklido.com** - Infosec focused blogging & publishing platform  Laravel + MithrilJs
- **codelido.com** - Developer's community for discussions  Laravel + MithrilJs
- **dorkit** - Automated google dorking tool for pentesters | OSINT  ReactJs + Firebase
- Phishing Detection Solution - Kavach 2023 - Cybersecurity Hackathon  Python + AWS
- IT Log Analyzer - SIH 2023 - India's Biggest hackathon  Django + ReactJs
- **Reconator** - Automated Web Application Recon Tool  Python + Bash

## Achievements & Honors

- Conducted 3 national level cybersecurity CTF (Capture The Flag) events in university.
- Delivered 5+ talks on cybersecurity concepts at university fests, Student Activity Center (SAC), etc.
- Presented papers in cybersecurity conferences - IEEE & Springer.
- Technical Director of White Hat Hackers Club.
- LinkedIn Community Top Voice Cybersecurity.
- Founded hacklido.com - It has grew into one of the biggest Infosec focused blogging & publishing platform.
- TryHackMe - Top 1% Global Ranking in the leaderboard.
- EC-Council Cybersecurity Career Mentor.
- Finalist in Smart India Hackathon 2023 - SIH: India's biggest hackathon.

## Research Publications

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

## Education

- **KL University - B.Tech CSE (Hons) Specialization in Cybersecurity & Blockchain**
  - **Current CGPA: 9.24 | 2021 - 25**
- **Jain Vidyaashram - CBSE (+2) Science Major (Biology, Mathematics, Physics & Chemistry)**
  - **Scored: 86% | 2019 - 21**