

Academic & Professional Experience

- Product Security Manager, Together Corporation - USA | [Remote, IN]** Nov' 2023 - Present
 - GrowDay - A AI powered ECommerce SaaS
 - Developed and implemented rate-limiters and sanitizers against user-inputs to prevent injection attacks.
 - Implemented Static Application Security Testing (SAST) using SYNK CODE and integrated the same into SDLC.
 - Performed manual code review and discovered 2 High, 5 Medium & 8 Low risk vulnerabilities in Phase 1 of SDLC.
 - Managed a team of 5 developers on Application security aspects of Django (FastAPI) + Next.js stack.
- Student Peer Mentoring & Teaching Assistant, KL University | [Andhra Pradesh, IN]** Apr' 2022 - Apr' 2024
 - Mentored 35 freshman & 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.
 - Collaborated with faculty on creating - teaching materials, assessments, quizzes, workbook, presentations & ALMs.
 - Prepared Skill & Lab workbooks for the respective subjects & aiding in research aspects.
- Founder & CEO, HACKLIDO | [Chennai, IN]** Feb' 2020 - Present
 - 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.
 - Implemented robust security measures for user data or 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 APIs.
- Administration:** Web Server (Apache/Nginx), hosting, deployment, maintenance & Firewall Rules writing (Cloudflare WAF). Worked with SIEM, SOAR & XDR tools in Azure.
- Tooling:** Burp Suite, SQLMap, Metasploit, Nessus, Nmap, Hashcat, OWASP Zap, Wireshark, OpenVAS
- Conceptual Knowledge:** OS internals, frameworks (MITRE ATT&CK, NIST, ISO 27001), GRC - (GDPR, PCI DSS, HIPPA, SOC2 & DMCA) and Industrial best-practices.

Certifications & Licenses

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| 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 |
| 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 |

Projects

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|---|---------------------|
| 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 |

Research Publications

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| [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

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)

Achievements & Honors

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