

JITHUKRISHNAN VENU

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems	GPA: 4	New York, NY
Master of Science (MS) in Cybersecurity Concentration: Information Security & Information Assurance		May 2025
Lovely Professional University (LPU)	GPA: 3.6	Punjab, India
Bachelor of Technology (BTech) & Engineering in Computer Science Concentration: Cybersecurity		Aug 2021

CERTIFICATIONS & RECOGNITIONS

CERTIFICATIONS	: CompTIA Security+ , Cybersecurity Analyst+ (CYSA+), Security Analytics Professional (CSAP)	Oct 2026
RECOGNITIONS	: (ISC) ² GRADUATE SCHOLARSHIP 2024	

TECHNICAL SKILLS

Programming Languages: Bash, C & C++, CSS, HTML, NoSQL, PHP, Python, R, SQL
Software & Tools: VMware Fusion, VirtualBox, UTM, NetBeans, VS code, Android Studio, ADB, IDA, Ghidra, MASM, FTK, Autopsy
Operating Systems: Proficient in Linux distributions (Kali, Ubuntu, CentOS, Parrot), Seed, REMnux, FLARE, Android, Windows
Security Tools: Nmap, Hydra, Wireshark, Burp Suite, Metasploit, Hashcat, Postman, Elastic SIEM

EXPERIENCE

Motorola Solutions , Allen, Texas Cybersecurity Summer Intern	May 2024 – Aug 2024
<ul style="list-style-type: none">Monitored Palo Alto firewall logs, integrated data into SIEM, and created custom detections to identify potential security threats, performing regular assessments to ensure alignment with security policies.Gained hands-on experience in incident monitoring, rapid response, and deploying advanced cybersecurity solutions with a focus on SIEM, incident response, and security policy enforcement.	
Tracelay Networks , Kerala, India Cybersecurity Intern	Jan 2023 - May 2023
<ul style="list-style-type: none">Studied 30+ case studies on cybersecurity attacks. Acquired hands-on experience in Microsoft EDR, MITRE, Att&CK Navigator, ThreatQ, and ExtraHop to develop a comprehensive understanding of security monitoring and frameworks	
Cognizant , Kerala, India Program Analyst	Sep 2021 - Jan 2023
<ul style="list-style-type: none">Resolved 100+ coding issues ,20+ user stories in JS, C#, SQL, HTML, and VB.NET; led client meetings, aligned solutions with business goals, reviewed code, and provided technical guidance for application development with Azure CI/CD deployment.	

ACADEMIC PROJECTS

ZABIMARU: Threat Detection and Malware Analysis Tool Github , CockroachIntegration	Nov 2024
<ul style="list-style-type: none">Developed in Python and Shell scripting, this Windows tool scans services, checks startups, and verifies files with VirusTotal. It integrates Groq AI for threat analysis and CockroachDB to log detected malware hashes and timestamps.Built an intuitive CustomTkinter UI, enhancing user interaction and streamlining malware detection processes.	
Forensic analysis with Autopsy and FTK Manager Report	Aug 2024
<ul style="list-style-type: none">Conducted forensic analysis using FTK Imager and Autopsy to extract critical data from mobile devices and SIM cards.Identified and preserved key artifacts such as contacts, text messages, and network configurations for investigations.	
Malware analysis and reverse engineering: Report	Feb 2024
<ul style="list-style-type: none">Leveraged Syslog, PEstudio, PCAP, x64dbg and Remnux to dissect Sepsis ransomware's binary structure. Employed dynamic analysis to observe post-execution changes, shedding light on the behavior and evasion tactics.	
Penetration Testing Project with Metasploit	Jan 2021
<ul style="list-style-type: none">Investigated vulnerabilities of 2 Windows & 3 Android machines with malware created from Metasploit & Fatrat.Conducted threat analysis and presented findings to a class of 50+ students and 2 professors along with summary.	

VOLUNTEERING & EXTRA-CURRICULAR ACTIVITIES

- ISACA**(Social and Networking committee Volunteer)
- Participations:** IBM Security Summit, Metro Joint Security Summit, Microsoft – NYC