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Portfolio

Education

B.Tech CSE with Cyber Security & Threat Intelligence (CGPA - 8.5), Manav Rachna University

Sept 2022 - Jun 2026

Senior Secondary School, Aravali International School

Apr 2021 - Mar 2022

Secondary School, Ryan International School

Apr 2019 - Mar 2020

Skills

Languages: Java, Python, Bash, C/C++, HTML, CSS, MySQL

Softwares: Wireshark, Nmap, Autopsy, Volatility, BurpSuite, Metasploit, FTK Imager, Aircrack-ng, Ghidra, IDA Free, Squalr

OS & Platforms: Linux, Windows, MacOS, Git/Github, Docker, Visual Studio, NeoVim, LaTex

Trainings: CyberOps, CCSK Foundation, Cisco SD-WAN & ACI, Splunk, Network Security, Digital Forensics, Penetration Testing

Internships

ACPL Systems, SecOps Intern

Gurugram, India

Supported threat detection, reporting, escalation, & response via EDR/XDR and monitoring tools.

Jun 2025 - Aug 2025

• Assisted in IAM, insider threat reduction, DLP, and DSPM for enterprise security posture.

• Solutions Utilized: Microsoft Defender, Microsoft Purview, Forcepoint DLP, CyberArk.

Wipro Ltd., Tech Intern

Greater Noida, India

• Worked on automating and securing network services impacting high-profile global clients.

Jul 2024 - Sept 2024

• Developed a platform for secure service delivery, featuring DevNetOps, visibility, and compliance.

• Enhanced network security through GenAl for self-healing logic and automated compliance.

Future Crime Research Foundation, DFIR Intern

Noida, India

Contributed to dark web OSINT & forensics, applying threat intelligence & open-source tools.

Jun 2024 - Aug 2024

• Acknowledged for standout work in malware, crypto, AML/CFT, and emerging tech forensics.

Gurugram Cyber Police(GPCSSI), CyberSecurity Intern

Gurugram, India

• Built a domain OSINT tool to aid cybercrime investigations and forensic analysis.

Jun 2024 - Jul 2024

• Conducted security awareness sessions for students and officials under Cyber Warriors initiative.

Delhi Police Special Cell - IFSO/NCFL, Intern

Delhi, India

• Collaborated with the IFSO team on cybercrime cases at NCFL, applying forensic techniques and conducting dark web training for law enforcement officers.

July 2023 - July 2023

Projects

AI-Powered Network Security & Management Platform

- Built an AI-driven platform to enhance enterprise network security and management by integrating automated compliance, self-healing, intelligent log analysis, real-time threat detection, anomaly monitoring, and incident handling.
- Tech Stack: Python, LDAP, ServiceNow Virtual Agent, Netmiko, Paramiko, Cisco Catalyst SD-WAN Manager API

Adversarial Security & Challenge Design

- OSINTomains: Built a domain-focused OSINT tool to automate reconnaissance and scanning for cybercrime investigations.
- Exploit Utilities: Emulated Evil Twin, deauth, Rubber Ducky attacks to demonstrate credential theft and wireless exploitation.
- CTF Development: Created challenges in crypto, pwn, forensics, OSINT, & malware for community-driven infosec contests.

Publications

Advanced Content Classification and Topic Modelling Techniques for Dark Web Exploration ☑

Feb 2025

• Jatin Kumar, Joy Khaneja, Arpit Tyagi, Dr. Shalu

Achievements

- Cleared Certified Red Team Analyst (CRTA) certification from CyberWarfare Labs.
- Ranked in **Top 5%** in NPTEL Cloud Computing certification (Jan-Apr 2025)
- Acknowledged as **Top Performer in DFIR Internship** for contributions at Future Crime Research Foundation.
- Actively engaged in CTFs across varied domains on local and global platforms, showcasing hands-on cybersecurity expertise.
- Honored with IEEE Delhi Section's **Outstanding Student Volunteer Award** for key contributions and service.
- Received IEEE MRU's Creative & Tech Excellence Award and Appreciation Letters for technical and creative leadership.
- Recognized as President of MRU Cyber Squad and Mentor at IEEE MRU Student Branch.