

ISHA

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PROFILE SUMMARY

Aspiring Cybersecurity student with a strong foundation in network forensics, Linux, and log analysis. Gained hands-on experience through projects like building dashboards for log analysis in Splunk and creating password generators. A dedicated learner with certifications in Red Hat System Administration, Palo Alto Cybersecurity, and Certified Ethical Hacking. Actively participated in hackathons and webinars, eager to apply skills in a challenging work environment.

PROJECTS

- Cybersentinel Project: Enhanced network security by analyzing and mitigating vulnerabilities in FTP, SSH, and Telnet ports, addressing privilege escalation, and leveraging pfSense Firewall for robust protection.
- Developing a basic dashboard for log analysis in Splunk.
- CipherVault: Developed a tool for encryption and decryption using techniques like Substitution techniques, Transposition techniques, RSA, DES, AES and many other.
- Anti-Forensics Tool: Developed an educational tool incorporating techniques like steganography, artifact wiping, file overwriting, file encryption, metadata erasure, and file name obfuscation.

EDUCATIONAL QUALIFICATIONS

BACHELOR OF COMPUTER SCIENCE AND ENGINEERING (Pursuing) July 2021- Present

GNA University, Phagwara, Punjab. Learned cybersecurity.

SENIOR SECONDARY EXAMINATION, CBSE April 2020- March 2021

Guru Nanak Mission Public Sen. Sec. School, Dhahan Kaleran. Scored 94%

INTERSHIPS

Mastercard Cybersecurity virtual experience program on Forage October 2024

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

Tata Cybersecurity Security Analyst Job Simulation on Forage Feb 2024 - Oct2024

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

Cynox Security LLP, 8, Chandra Park, Dwarka Mod, New Delhi July 2024 – Oct 2024

- Focused on incidents like authentication failures, excessive logon attempts, and brute force attacks using Palo Alto firewalls.
- Detected malicious URL requests and abnormal activity patterns.
- Monitored database events (DML and DDL operations) to ensure integrity and security.
- Summarized logs, identified potential vulnerabilities, and recommended preventive measures.

CyberYaan Training and Consultancy, Block 1, Tilak Nagar, New Delhi June 2024- July 2024

- Gained hands-on experience in Digital Forensics and SOC (Security Operations Center).
- Acquired skills in analyzing and preserving digital evidence, investigating cybercrimes, and preventing incidents.
- Trained in monitoring network traffic, identifying threats, and responding to security incidents.

Codesoft (Virtual) Mar 2024 – Apr 2024

- Gained hands-on experience and enhanced my understanding of Python to strengthen my programming skills.

- Completed an intensive Certified Ethical Hacking Expert program covering key cybersecurity skills, including Kali Linux, basic networking concepts, network security, and penetration testing. Gained hands-on experience in:
 - Network Security
 - Web Security
 - OS Security
 - Server Security

CERTIFICATION

- SOC Fundamentals certificate (CyberYaan Training & Consultancy)
- Certifications in Network Essentials, Python Programming, Kali Linux (CyberYaan Training & Consultancy)
- Digital Forensics certificate (CyberYaan Training & Consultancy)
- Certified Ethical Hacking Expert (CDI)
- Red Hat System Administration II (RH134 and RH124)
- ISC2 Certified in Cybersecurity
- Palo Alto Networks Cybersecurity Academy - Introduction to Cybersecurity and Cybersecurity Foundation

TECHNICAL SKILLS

- Fraud
- Cyber Crime
- Knowledge about Hard Disks and File Systems
- Windows Forensics
- Network forensics
- Mobile Forensics
- Email Investigation
- Financial Crimes
- Financial Risk Management
- Data Acquisition and Duplication
- Anti-forensics Techniques
- Dark Web Forensics

Tools

- Guymager
- Wireshark
- Autopsy
- RStudio
- FTK Imager
- Helix
- Fex Imager
- Cellebrite UFED
- Redline
- Splunk
- Expert Witness Compression Format (EWF)

ACHIEVEMENTS

- Secured 3rd Position in Hatch Pitch 2.0 organized by GNA University, Phagwara
- Got third position in 2nd Semester Finals with 8.71 SGPA
- Got second position in 3rd Semester Finals with 9.48 SGPA
- Got second position in 4th Semester Finals with 9.42 SGPA
- Got first position in 5th Semester Finals with 9.35 SGPA
- Aced 3rd place at GNA Hackathon 2.0 leading a team through 30 hours of innovation to solve a complex problem statement.
- Victorious in CTF competition at GNA University's

WEBINARS

- National Webinar on Cyber Warfare & Ethical Hacking by Hackersprey
- One week bootcamp on Cybersecurity
- Cybersecurity Awareness Seminar
- Seminar on Cybersecurity Awareness organized by Craw Security