TUSHAR BASAK

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OBJECTIVE

Technically adept, detail-oriented, and goal-driven professional with a solid foundation in cybersecurity and risk management. Experienced in identifying vulnerabilities, performing penetration testing, and implementing advanced security measures to protect organizational assets. Proficient in threat analysis, incident response, and compliance monitoring. Skilled in conducting security audits, leveraging SIEM tools, and designing comprehensive defense strategies against evolving cyber threats. Adept at collaborating with cross-functional teams, clients, and stakeholders to meet organizational security objectives. Bilingual in English and Japanese, with exceptional communication skills and a proactive approach to problem-solving. Areas of expertise include:

Vulnerability Assessment and Management | Penetration Testing | Incident Response and Forensics
Threat Intelligence | Security Auditing | Risk Assessment | Network and System Hardening

EXPERIENCE

Cybersecurity Trainee View | May 2024 - Sept 2024
Tata Strive | SAP India | *Anand, Gujarat*

- Conducted practical and hands-on training in **ethical hacking, SOC, and network security**.
- Gained a good understanding of **network protocols** such as **TCP/IP, HTTP, and SSL**.
- Assisted in **vulnerability research** to discover new software vulnerabilities.
- Developed skills in **incident response, threat analysis and mitigation**.
- Utilized security tools like **Nmap, Burp Suite, Wireshark**, and other **tools**.
- Understood browser security concepts including **Content Security Policy**.

Desktop Support Engineer | Mar 2023 - May 2024
Secure Life HR Service Private Ltd. | *New Delhi*

- Provided technical support for Windows operating systems, ensuring smooth and efficient desktop, laptop, and printer operations.
- Installed, configured, and maintained hardware components such as printers, scanners, and other office peripherals.
- Performed troubleshooting for network connectivity issues, including LAN/WAN setup and configurations.
- Managed network security by implementing antivirus programs and firewall settings.
- Provided remote troubleshooting support and clear instructions to clients for quick resolution of technical issues.
- Assisted in the repair and maintenance of desktops and laptops, including hardware upgrades and replacements.

TOOLS & SKILLS

- **Cybersecurity:** Vulnerability scanning, penetration testing, SIEM tools, threat intelligence
- **Incident Response:** Log analysis, forensic investigation, malware analysis, and mitigation strategies
- **Networking:** Network security, firewall configuration, LAN/WAN troubleshooting, packet analysis
- **System Security:** Endpoint protection, hardening Windows and Linux environments
- **Technical Support:** Providing security awareness training, troubleshooting security issues, IT service support
- **Programming and Scripting:** Python for automation, Bash scripting for security tasks

EDUCATION

Master of Computer Applications, Manipal University, Jaipur | May 2021 - July 2023
CGPA: 8.92

Bachelor of Science, Swami Vivekananda Subharti University, Meerut | July 2017 - Dec 2019
Percentage: 68.5%

CERTIFICATIONS

- Tata Group - Cybersecurity Analyst Job Simulation [View]
  Forage July 2024

- GATE CS/IT + DA [Applied]
  IIT Roorkee Feb 2025

PROJECTS

- **Completion of 30+ Labs on PortSwigger and 5+ Machines on TryHackMe:** Completed over 30 hands-on labs on *PortSwigger*, mastering a wide range of web vulnerabilities, including *SQL Injection, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF), Clickjacking, XML External Entity (XXE) Injection, Server-Side Request Forgery (SSRF), Path Traversal, HTTP Request Smuggling, OS Command Injection*, and more. Gained expertise in identifying and exploiting modern vulnerabilities in web applications, *APIs*, and *GraphQL*. Additionally, solved 5+ real-world machines on *TryHackMe*, focusing on topics such as privilege escalation, penetration testing, and secure configurations.

- **Penetration Testing on Metasploitable2:** Performed ethical hacking and exploitation of the intentionally vulnerable *Metasploitable* machine within a virtual lab environment. Conducted reconnaissance using tools like *Nmap*, exploited vulnerabilities using the *Metasploit Framework*, and demonstrated techniques such as *SQL Injection*, privilege escalation, and exploitation of misconfigured services. Documented the attack methodology and proposed actionable security measures to secure similar systems.

LEADERSHIP

City President Jan 2023 - Dec 2023
BloodConnect Foundation *Kanpur, UP*

- Spearheaded a 2-tier team of 20+ students, efficiently managed a budget of INR 2.5 LPA, and improved helpline processes for enhanced customer satisfaction.
- Organized 20+ blood donation camps, collecting 1K+ units of blood, impacting 3K+ lives, and inspiring campus community participation.
- Demonstrated leadership, budget management, process improvement, and community engagement.