

# TUSHAR BASAK

+91 8299312126 ◇ Delhi, India

Mail: [tushar.basak@yahoo.com](mailto:tushar.basak@yahoo.com) ◇ LinkedIn: [tusharbasak97](#) ◇ Portfolio: [bit.ly/basakwebsite](https://bit.ly/basakwebsite)

## 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. 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 hands-on training in **security operations, threat detection, and incident response**.
- Developed a deep understanding of **network protocols** such as **TCP/IP, HTTP, and SSL**.
- Assisted in **infrastructure vulnerability scanning** and **penetration testing**.
- Gained experience in **SIEM tools** and **log correlation** for security incident analysis.
- Performed **threat modeling** and **risk assessment** to mitigate security threats.
- Analyzed security alerts and helped refine **SOC playbooks** for incident management.
- Utilized security tools like **Nmap, Burp Suite, Wireshark**, and other tools.
- Understood browser security concepts including **Content Security Policy**.

## TOOLS & SKILLS

- **Security Operations:** SIEM (Splunk, QRadar), Threat Intelligence, Log Analysis
- **Vulnerability Management:** Nessus, OpenVAS, Burp Suite, Nmap
- **Application Security:** OWASP Top 10, SAST/DAST, Secure Code Review
- **Cloud Security:** AWS Security, Azure Security, Identity and Access Management (IAM)
- **Networking:** Firewalls (Cisco, Palo Alto), IDS/IPS, VPN, Packet Analysis (Wireshark)
- **Programming:** Python, Bash, Security Automation

## 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

## PROJECTS

- **Web Application Security Assessment:** Identified and mitigated vulnerabilities in a real-world web application using Burp Suite and OWASP ZAP.

- **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.