

# TUSHAR BASAK

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## OBJECTIVE

Technically proficient, detail-oriented, and proactive Cybersecurity Analyst with a robust background in network security and threat detection. Experienced in vulnerability assessment, incident response, and security policy implementation. Skilled in using various security tools and technologies to protect organizational assets from cyber threats. Adept at analyzing complex security issues, implementing effective solutions, and collaborating with cross-functional teams to enhance overall security posture. Committed to staying current with emerging threats and security trends. Bilingual in English and Japanese, with strong communication skills and a keen ability to explain technical concepts to non-technical stakeholders. Areas of expertise include:

Network Security | Threat Detection and Response | Vulnerability Assessment | Log Analysis  
Incident Handling | Security Policy Implementation | vulnerability assessment and pen testing

## EXPERIENCE

Cybersecurity Trainee

Tata Strive | SAP India

May 2024 - Sept 2024  
*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 **OSINT tools**.
- Understood browser security concepts including **Content Security Policy**.

Intern Security Researcher

Voltsec.io

Mar 2024 - June 2024  
*Varanasi, UP*

- Created engaging blog posts and articles on emerging cybersecurity trends, resulting in a 30% increase in website traffic and reader engagement in Week 1.
- Contributed to VoltSec’s thought leadership and online presence using content creation, SEO, and trend analysis skills.

## TOOLS & SKILLS

- Penetration Testing Tools:** Kali Linux, Metasploit Framework, NMAP, Burp Suite
- Networking and Protocols:** TCP/IP, HTTP, SSL, Web Sockets
- Security Tools:** OSINT Tools, recon-ng, Tenable Nessus, Wireshark, Rapid7
- Cybersecurity Skills:** Ethical Hacking, Security Operations Center (SOC), Incident Response, Threat Analysis and Mitigation, Intrusion Detection and Prevention Systems (IDPS)

## 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 Forage
- [View](#)  
July 2024

- Certified in Cyber Security  
**ISC2**
- Ethical Hacking Essentials (EHE)  
**EC-Council**

Applied  
July 2024

Applied  
July 2024

PROJECTS

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- **Report on performing VAPT on Vuln. Machine:** Conducted thorough vulnerability scanning, penetration testing, and exploitation of a simulated vulnerable system. Produced detailed reports outlining identified vulnerabilities, their potential impact, and recommended remediation strategies. Demonstrated proficiency in ethical hacking techniques, security assessment methodologies, and report writing.
- **Analysis of Major Ransomware Attack:** Analyzed the ransomware attack on Bank of America and Infosys McCamish Systems. Investigated the data breach compromising PII and financial data. Conducted vulnerability assessment to identify exploited weaknesses. Created an incident timeline and evaluated financial impact. Highlighted critical lessons learned and provided recommendations to enhance cybersecurity posture and prevent future incidents.

LEADERSHIP

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City President  
BloodConnect Foundation

Jan 2023 - Dec 2023  
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.