

TUSHAR BASAK

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OBJECTIVE

Aspiring cybersecurity professional with hands-on experience from a 3-month internship at VoltSec.io as a cybersecurity content writer and researcher. Seeking to leverage my knowledge in computer networking, ethical hacking, and VAPT to execute the role of L1 Security Analyst at a dynamic Security Operations Center. Eager to contribute to and grow with a leading cybersecurity and IT services provider, specializing in SOC processes and enhancing organizational security.

EXPERIENCE

Cybersecurity Trainee

May 2024 - Sept 2024

Tata Strive | SAP India

Anand, Gujarat

- Gained practical and hands-on training in cybersecurity, developing essential skills for the field at an industrial level.
- Training included cybersecurity and personality development modules.
- Performed operations such as ethical hacking, penetration testing, and network security through hands-on labs.
- Developed skills in vulnerability assessment, penetration testing, and incident response.

Intern Security Researcher

Mar 2024 - June 2024

Voltsec.io

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, GoBuster, Hydra, Metasploit Framework, Metasploit Venom, NMAP, Ettercap, Responder, Burp Suite
- **Vulnerability Scanning:** Tenable Nessus, Wireshark, Rapid7
- **Networking and Protocols:** Basic Networking, Routing Protocols (Static, RIP, EIGRP, OSPF), Access Lists, VLAN, NAT, DHCP, IPv4 and IPv6, Subnetting, Port Security
- **Security and Analysis Tools:** Splunk, Nessus, VirusTotal, IBM X-Force, MX Toolbox, Barracuda, Zscaler, Cortex XSOAR, Any.run, ServiceNow
- **Cybersecurity Skills:** Computer Networking, Ethical Hacking, Vulnerability Assessment and Penetration Testing (VAPT), Security Operations Center (SOC), Security Information and Event Management (SIEM), Threat Analysis and Mitigation, Incident Response, Intrusion Detection and Prevention Systems (IDPS), Cybersecurity Best Practices, Documentation and Reporting

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 [Applied](#)
July 2024
- Ethical Hacking Essentials (EHE)
EC-Council [Applied](#)
July 2024

PROJECTS

- **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

City President	Jan 2023 - Dec 2023
BloodConnect Foundation	<i>Kanpur, UP</i>
<ul style="list-style-type: none">• 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.	