Shivam Gupta

Ghaziabad, India | LinkedIn | GitHub | Portfolio

Professional Summary

Aspiring Security Researcher with a robust foundation in computer science and hands-on expertise in cybersecurity, ethical hacking, and digital forensics. Proficient in OSINT, penetration testing, and vulnerability assessment, with a proven track record in CTF competitions and bug bounty programs. Ranked in the top 2% globally on TryHackMe, showcasing strong problem-solving skills. Currently pursuing a B.Tech in Computer Science (AI/ML) alongside specialized cybersecurity training, I am dedicated to securing digital ecosystems through innovative AI-driven solutions and practical security projects.

Education

B.Tech in Computer Science and Engineering (AI/ML) *2023 – 2027*
Inderprastha Engineering College, Ghaziabad

- Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, AI, Machine Learning

Diploma in Cybersecurity *2024 – 2025*
Global Institute of Cybersecurity and Ethical Hacking

Senior Secondary (Class XII) – CBSE *2022 – 2023*
Rajkiya Sarvodaya Bal Vidyalaya, Delhi

Secondary (Class X) – CBSE *2020 – 2021*
Bhartiyam International School, Uttarakhand

Projects

Bugscope: Bug Bounty Checklist Platform *Bugscope*

- Developed a platform to streamline bug bounty hunting with structured vulnerability checklists across various domains.
- Designed with a focus on usability, scalability, and practical utility for security researchers.
- Currently integrating AI-driven features for automated vulnerability recommendations and enhanced workflows.

AI-Driven CVE & Cybersecurity Threat Monitoring *AI Threat Monitor*

- Built an automated system using n8n to aggregate real-time CVE disclosures and threat intelligence from sources like NVD and Red Hat.
- Implemented filtering logic to deliver timely, non-redundant alerts.
- Integrated with Telegram and Gmail for instant delivery of critical vulnerability updates.

Ghost-Wall: Privacy-Focused Browser Extension *Ghost-Wall*

- Created a lightweight privacy extension to block online tracking scripts, cookies, and fingerprinting techniques in real time.
- Enhanced user privacy by stopping third-party trackers without significantly affecting browsing speed or performance.
- Designed to provide simple, effective protection for everyday users against growing online surveillance techniques.
- Focused on balancing security and usability, ensuring strong privacy safeguards without disrupting the browsing experience.

Experience

Cybersecurity Virtual Internship *May 2024 – July 2024*
Cisco Networking Academy (Remote)

- Conducted simulated cybersecurity projects focusing on incident response, network defense, and threat mitigation in SOC environments.
- Gained practical experience with enterprise-grade tools through guided labs and assessments.
- Developed skills in CyberOps, security event analysis, and SOC monitoring.

Cybersecurity Analyst Job Simulation *Jan 2025 – Feb 2025*
Tata Group – Forage Virtual Experience (Remote)

- Analyzed phishing emails, identified exposed credentials, and reviewed incident reports in a simulated environment.
- Applied critical thinking to assess threats and document findings.
- Provided actionable recommendations to enhance organizational cybersecurity.

Technical Skills

Cybersecurity Expertise: Vulnerability Assessment, Penetration Testing, OSINT, OWASP Top 10, Digital Forensics, Red Teaming

Programming Languages: Python, Java, C, HTML/CSS, SQL

Tools & Frameworks: Burp Suite, Wireshark, Nmap, Metasploit, SQLMap, Nikto, n8n

Operating Systems: Linux, Windows

Certifications

Cisco CyberOps Associate *2025*
Cisco Networking Academy

OSINT: Intelligence Collection & Analysis *2025*
Basel Institute on Governance

CCNA: Introduction to Networks *2025*
Cisco Networking Academy

Cybersecurity Analyst Job Simulation *2025*
Tata Group (Forage Virtual Experience)