

# Ankush Gupta

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY:

Proactive Cybersecurity practitioner with hands-on experience in offensive security, vulnerability management, and full-stack web development. Proven ability to identify and mitigate critical security risks, evidenced by successful bug bounty awards, a global CTF ranking, and the development of open-source security tools and web applications. Eager to apply technical skills in penetration testing and security automation.

## TECHNICAL SKILLS:

**Programming Languages:** Python, JavaScript, Java, Solidity, HTML5, CSS3

**Frameworks & Libraries:** Spring Boot, Bootstrap, Requests

**Security Tools:** Burp Suite, Metasploit Framework, OWASP ZAP, Nmap, John the Ripper, Hydra

**Concepts & Platforms:** VAPT, Digital Forensics, Smart Contract Auditing, Bug Bounty Hunting, Cryptography, Network Scanning, Reconnaissance, Automation

## EXPERIENCE:

**Cybersecurity Intern** | ShadowFox | Remote | Jun 25 - Jul 25

- Performed comprehensive vulnerability assessments using Nmap for discovery and Burp Suite for web app testing.
- Utilized offensive tools like Hydra and John the Ripper to evaluate security postures and document remediation strategies.

**Cyber Security & Digital Forensics Intern** | Cyber Secured India | Remote | May23 – Jul23

- Applied penetration testing methodologies to compromise vulnerable VMs in a CTF, achieving root access.
- Developed practical skills in privilege escalation, forensic analysis, and flag capture.

**Web Development & Security Intern** | Mission IT Education | Remote | Oct 22 – Jan 23

- Developed a responsive portfolio website from scratch using HTML, CSS, and JavaScript.
- Received training on secure development practices, ethical hacking, and online scam investigation.

**Cybersecurity Intern** | TechnoHacks EduTech Official | Remote | Oct 2023 – Nov 2023

- Gained hands-on experience with core penetration testing tools, focusing on effective use of Burp Suite.

## PROJECTS:

**Rapid Scanner** | [GitHub](#)

- Engineered a fast, lightweight Python reconnaissance tool that automates discovery of JS files, admin panels, and open redirects for a target domain in 1-2 minutes.

**Network Vulnerability Scanner** | [GitHub](#)

- Developed a Python-based tool to perform network scanning and identify potential vulnerabilities and open ports.

**Advanced BMI Calculator** | [Live Demo](#)

- Designed and deployed a full-stack web application calculating BMI using Python, HTML, CSS, JavaScript, and Vercel.

## ACHIEVEMENTS:

- Awarded a **\$100 bounty** for a critical vulnerability in a private disclosure program (2024).
- Recognized on the **Hall of Fame** for life.church twice for identifying valid security vulnerabilities (2024, 2025).
- **Ranked 8th Globally** in the DammCon CTF 2022 as a member of team VulnDetox.
- Attended BSides Ahmedabad (In-Person) and BSides Jaipur (Virtual) cybersecurity conferences.

**EDUCATION** : B.Tech in Computer Science (Artificial Intelligence & Machine Learning) Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh | Expected Graduation: Sep 2026

