



# MD. EMRAN HOSSAIN

CYBERSECURITY PROFESSIONAL |  
PENETRATION TESTER | BUG BOUNTY HUNTER

## CONTACT

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## TECHNICAL SKILLS

- Windows OS
- Mac OS
- Linux OS
- Burpsuite
- Nmap
- Nessus
- SQL Map
- Wireshark
- Metasploit
- OWASP Zap
- Hashcat
- C/C++
- Java
- Python
- Javascript

## PROFESSIONAL SUMMARY

Cybersecurity professional and CSE undergraduate with proven hands-on expertise in web penetration testing, vulnerability research, and offensive security. Ranked in the Top 1% globally on TryHackMe and PortSwigger Web Security Academy, and certified by Google in cybersecurity operations and incident response. Skilled in identifying, exploiting, and reporting critical vulnerabilities with actionable remediation strategies. Experienced in programming, exploit scripting, and building security automation tools.

## CORE SKILLS

- Penetration Testing & VAPT: Web application security (SQLi, XSS, CSRF, SSRF, IDOR, RCE, Auth Bypass)
- Bug Bounty & Responsible Disclosure: Identified and reported critical vulnerabilities for major platforms
- Offensive Security & Red Teaming: Hands-on with real-world exploitation and simulation attacks
- Security Tools: Burp Suite, OWASP ZAP, Nmap, Nessus, SQLmap, Wireshark, Metasploit, Hashcat, Nikto
- Programming & Scripting: C/C++, Python, Java, JavaScript — exploit writing, automation, secure coding
- Reporting & Documentation: Detailed PoCs, impact analysis, and remediation guidance aligned with OWASP

## ACHIEVEMENTS & CERTIFICATIONS

- Top 1% Global Ranking - TryHackMe (Penetration Testing, Networking, Exploit Development)
- Top 1% Global Ranking - PortSwigger Web Security Academy (Advanced Web Security Labs)
- Google Cybersecurity Certificate (Incident Response, Security Operations, SOC practices)
- Additional training in VAPT, Web Application Security, Exploit Development, and Secure Programming

## PROFESSIONAL SKILLS

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- Public Relations
- Teamwork
- Dedicated
- Creativity
- Disciplined
- Time Management
- Leadership
- Critical Thinking

## WORK EXPERIENCE

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### Penetration Tester (Freelance Projects) | 2024 – Present

- Conducted end-to-end web app penetration testing against OWASP Top 10, discovered high-impact flaws.
- Delivered professional security reports with PoC and remediation guidance to clients and platforms.

### Bug Bounty Hunter

(Freelance / Platforms: HackerOne, Bugcrowd) | 2023 – Present

- Reported critical vulnerabilities through responsible disclosure programs.
- Strengthened the security posture of multiple organizations by identifying exploitable flaws.

### Competitive Programmer & Developer | 2022 – Present

- Solved advanced problems on Codeforces and other platforms using C/C++, Java/JavaScript, and Python.
- Built custom recon and automation scripts for cybersecurity workflows.

## EDUCATION

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- B.Sc. in Computer Science & Engineering (CSE) — Varendra University, Bangladesh (Ongoing)
- HSC — Hat Gonggopara Degree College, Rajshahi
- SSC — Gobindapara High School, Rajshahi

## Additional Information

- Languages: English (Professional), Bengali (Native)
- Soft Skills: Strong analytical & problem-solving mindset, detail-oriented reporting & adaptability.