

# MD SHORIF AHAMMED

CYBERSECURITY RESEARCHER | WEB APPLICATION PENETRATION TESTER | BUG BOUNTY HUNTER

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## PROFESSIONAL SUMMARY

Offensive security specialist with 5+ years of hands-on experience in web application penetration testing and vulnerability research. Completed 100% of PortSwigger Web Security Academy labs and earned 10+ paid bounties from HackerOne private programs. Achieved 1st Runner-Up in CUET StealthFlag CTF 2025 and maintain 95% CTF success rate. Specialized in OWASP Top 10+ vulnerabilities, authentication bypasses, and business logic flaws. Seeking full-time junior penetration testing role to leverage proven offensive security expertise.

## PROFESSIONAL EXPERIENCE

### Freelance Cybersecurity Researcher & Bug Bounty Hunter Nov 2020 - Present

HackerOne Private Programs | Remote

- Discovered and reported 10+ security vulnerabilities across web applications, APIs, and cloud infrastructure for Fortune 500 companies.
- Identified critical vulnerabilities including authentication bypasses, SQL injection, IDOR, XSS, and business logic flaws.
- Achieved Hall of Fame recognition from multiple organizations for impactful findings.
- Collaborated with security teams to provide detailed reproduction steps, impact analysis, and remediation recommendations.
- Maintained 100% valid submission rate with zero duplicate reports.

#### KEY VULNERABILITY FINDINGS:

- Critical authentication bypass allowing account takeover (Severity: Critical)
- SQL injection in payment processing system (Severity: High)
- IDOR vulnerability exposing sensitive user data (Severity: High)

### CTF Competitor – Web Exploitation Specialist Jan 2024 - Present

Various National & International Platforms | Remote

- Actively participated in 20+ CTF competitions, consistently solving complex real-world web exploitation scenarios and network security challenges.
- Core member of **Integrated Hawkers CTF team**, specializing in web exploitation, authentication bypasses, and real-world attack scenarios.
- Contributed to team-based events and write-up creation, significantly improving collaborative problem-solving strategies.
- Achieved **1st Runner-Up in CUET StealthFlag CTF 2025**, outperforming hundreds of participants.

## PROJECTS & SECURITY RESEARCH

**GitHub:** github.com/siuxsa | **Portfolio:** siuxsa.netlify.app

- Custom Security Tools:** Developed Python-based automation tools for vulnerability scanning and exploitation acceleration.
- CTF Write-ups:** Authored detailed documentation and solutions for 50+ web exploitation challenges to share knowledge with the community.
- Active Bug Bounty Research:** Conducting continuous security research across multiple platforms focusing on business logic errors.

## EDUCATION

### Bachelor of Business Administration (BBA) in Marketing Expected 2026

Carmichael College, Rangpur, Bangladesh

## TECHNICAL SKILLS

### Web App Security

OWASP Top 10+, SQLi, XSS, CSRF, SSRF, XXE, IDOR, Auth Flaws, Business Logic, API Testing (REST/GraphQL), OAuth/SAML.

### Tools & Frameworks

Burp Suite Pro, OWASP ZAP, SQLmap, Nmap, Metasploit, Acunetix, Nessus, Nikto, Kali Linux, Parrot OS.

### Programming

Python (Automation), Bash/PowerShell, PHP, SQL, JavaScript.

### Methodologies

OWASP Testing Guide, PTES, MITRE ATT&CK, Threat Modeling.

## CERTIFICATIONS

### ✓ PortSwigger Web Security Academy

100% Labs Completed (2024)

### ✓ HackerOne CTF Certified

### ✓ Web Exploitation - Advanced

Multiple CTF Platforms

## KEY ACHIEVEMENTS

- ✓ Earned 10+ paid bounties from top-tier programs
- ✓ 1st Runner-Up in CUET StealthFlag CTF 2025
- ✓ Maintained 95% success rate in CTF competitions
- ✓ Hall of Fame recognition on multiple HackerOne programs