




SAKIL HASAN SAIKAT

Cybersecurity Researcher &
Ethical Hacker

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 Khulna, Bangladesh

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 github.com/0xsaikat

 Phone Available on Request

 **CVE-2024-49054 Owner**

KEY METRICS

25+

Hall of Fame

1

CVE Assigned

TECHNICAL SKILLS

SECURITY TESTING

- Penetration Testing & VAPT
- Web Application Security
- Network Security Assessment
- Vulnerability Research

SPECIALIZED AREAS

PROFESSIONAL SUMMARY

Distinguished Cybersecurity Researcher and Ethical Hacker with proven expertise in vulnerability assessment, penetration testing, and responsible security disclosure. Owner of CVE-2024-49054 and recognized across 25+ Hall of Fame programs by industry leaders including Microsoft, NASA, Apple, Oracle and NVIDIA. Demonstrated proficiency in developing innovative security tools, identifying critical vulnerabilities across diverse platforms, and contributing to global cybersecurity enhancement. Committed to advancing digital security through cutting-edge research, automation, and knowledge sharing within the cybersecurity ecosystem.

PROFESSIONAL EXPERIENCE

Independent Security Researcher

Multiple Organizations (Microsoft, Apple, Google, HackerOne)

June 2024 - Present

- Discovered and reported critical security vulnerabilities, earning CVE-2024-49054 from Microsoft
- Achieved Hall of Fame recognition across 25+ organizations including Fortune 500 companies and government agencies
- Conducted comprehensive security assessments covering web applications, network infrastructure, and cloud environments
- Collaborated with enterprise security teams to implement effective vulnerability remediation strategies
- Maintained 100% responsible disclosure compliance while contributing to enhanced global cybersecurity posture

Student Ambassador

Intel Corporation

April 2025 - Present

- Represent Intel's technology initiatives and innovation programs within university communities
- Organize technical workshops and training sessions on emerging technologies and cybersecurity
- Bridge academic research with industry applications in semiconductor and security technologies
- Mentor students in technology careers and Intel's educational programs
- Facilitate partnerships between Intel and academic institutions for research collaboration

- OSINT & Digital Reconnaissance
- Bug Bounty Research
- Threat Intelligence
- Security Automation

PROGRAMMING

- Python (Security Scripting)
- JavaScript & Node.js
- Bash/Shell Scripting

SECURITY TOOLS

OSINT & Reconnaissance

Nuclei, Subfinder, Katana, Amass

Web Testing

Burp Suite, OWASP ZAP, SQLmap

Network

Nmap, Metasploit, Wireshark

Cloud & DevOps

Linux, Docker, AWS, Git

RECOGNITION

Technology Giants

Microsoft, Apple, Oracle, NVIDIA, Siemens

Government Agencies

NASA, U.S. Treasury, NSF, WHO

Universities

Stanford, Drexel, Utrecht, Sheffield

CERTIFICATIONS

- Certified Network Security Practitioner (CNSP)
- Certified Application Security Practitioner (CAP)
- Cybersecurity Fundamentals - Palo Alto

Campus Ambassador - Cybersecurity Outreach

Infosec BD

September 2024 - Present

- Lead cybersecurity awareness initiatives and educational programs within university ecosystem
- Design and deliver hands-on workshops covering ethical hacking methodologies and security best practices
- Facilitate knowledge transfer between academic curriculum and practical cybersecurity applications
- Mentor emerging cybersecurity professionals and foster ethical hacking community development

KEY PROJECTS & TOOLS

FindME - Advanced OSINT Reconnaissance Platform

Tech Stack: Python, CLI, API Integration, Data Correlation

Engineered comprehensive intelligence gathering tool capable of discovering social media profiles across 400+ platforms. Implemented advanced search algorithms and data correlation techniques for digital footprint analysis, identity verification, and cybersecurity reconnaissance operations.

Penstaller - Automated Security Toolkit Deployment

Tech Stack: Python, Automation, Package Management, Cross-Platform

Developed sophisticated automation tool for streamlined installation and configuration of essential penetration testing and bug bounty research tools. Optimized security professional workflow efficiency and standardized testing environment setup.

ShieldPlus - Enterprise Password Security Analyzer

Tech Stack: Python, Security APIs, Pattern Recognition, Data Analysis

Built comprehensive password strength evaluation system with integrated compromised credential detection. Features entropy analysis, pattern recognition, and protection against common password breach databases with color-coded feedback mechanisms.

NUBTK CSE Payment Management Portal

Tech Stack: Node.js, JavaScript, Web Security, Database Management

Architected full-stack web application addressing payment tracking challenges for university students. Features real-time payment processing, comprehensive financial management, and enhanced security implementations.

- Google Cybersecurity Certificate
- TryHackMe Advent of Cyber 2024

EDUCATION

Bachelor of Science - Computer Science & Engineering

Northern University of Business & Technology Khulna (NUBTK)

March 2023 - March 2027 (Expected Graduation)

Higher Secondary Certificate - Science

Cantonment College Jashore

June 2019 - December 2022 | GPA: 4.92/5.00

REFERENCES

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