



Noor Elahi Ali Shibly

Cybersecurity Analyst

+880 1739-339099

shibly6@gmail.com

linkedin.com/in/shibly6

github.com/Shibly6

shibly6.github.io

Motivated B.Sc. in Software Engineering graduate with a major in Cybersecurity, seeking an entry-level role where I can apply my skills in enterprise vulnerability assessment and security analysis.

EDUCATION

B.Sc. in Software Engineering Major: Cybersecurity	Daffodil International University Relevant Coursework: Network Security, Cryptography, Secure Software Engineering	CGPA: 3.74/4.00
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PROFESSIONAL TRAINING

Network Security Assessment	Grameenphone Ltd. Supervisor: Mohammad Shahadat Hossain (Principal Security Architect)
<ul style="list-style-type: none">Conducted TCP/SSL vulnerability assessment across 1,280+ IPs in enterprise infrastructureDiscovered 4 hosts with deprecated TLS (v1.0/1.1) and SWEET32 vulnerabilityPerformed multi-phase reconnaissance using Masscan, Nmap, SSLScan — identified 152 live hostsDeveloped automated Bash scripts for batch scanning and vulnerability identification	

RESEARCH EXPERIENCE

Cloud Security Research IaC Misconfiguration Detection	Daffodil International University Supervisor: Dr. Imran Mahmud (Dept. Head, Sr. IEEE Member)
<ul style="list-style-type: none">Developed unsupervised ML framework to detect Terraform security misconfigurationsAchieved 94% ROC-AUC with Autoencoder, 94.9% PR-AUC with Isolation ForestEngineered 22 security features from AWS S3 bucket configurationsCreated explainable visualization pipeline for CI/CD integration	
Technologies: Python, scikit-learn, Terraform, AWS S3, Pandas <i>Paper pending IEEE publication</i>	

CYBERSECURITY PROJECTS

LiteRecon_AI — AI-Powered Reconnaissance Platform	 github.com/Shibly6/LiteRecon_AI
<ul style="list-style-type: none">Built full-stack platform integrating 11 security tools (Nmap, SSLyze, Feroxbuster, etc.)Implemented multi-provider AI analysis with local LLMs (Ollama) and cloud APIsDeveloped automated PDF report generation with executive summaries	
Tech: Python, FastAPI, React, Ollama, Nmap, Kali Linux	
CVE-2025-29927 Vulnerability Lab	 github.com/Shibly6/vulnerability-labs
<ul style="list-style-type: none">Built vulnerable lab for critical Next.js middleware bypass (CVSS 9.1)Created step-by-step Burp Suite exploitation tutorialDocumented root cause analysis and mitigation strategies	
Tech: Next.js, Burp Suite, HTTP Protocol, Web Security	

TECHNICAL SKILLS

Security Tools	Nmap, Wireshark, Burp Suite, SSLScan, Bash
Web Security	OWASP Top 10, SQL Injection (SQLi), Cross-Site Scripting (XSS), Authentication Flaws
Network Security	TCP/IP, Vulnerability Assessment, Firewall Fundamentals
Programming	Python (Security Scripting), Bash, Java
Platforms	Kali Linux, Ubuntu, Windows
Methodologies	Vulnerability Assessment Process, MITRE ATT&CK Framework
Cloud	AWS S3, Terraform (Basics)

ADDITIONAL INFORMATION

Languages	Bengali (Native), English (Fluent)
Operating Systems	Kali Linux, Ubuntu, Parrot OS, Windows
Strengths	Analytical Thinking, Problem Solving, Team Collaboration, Adaptability