

SWARUP SAHA

66/7 North Chasara, Narayanganj-1400, Dhaka, Bangladesh

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Objective

Experienced security researcher with a demonstrated history of working in the information security and services industry. Securing applications and infrastructure to make products and environments more robust and secure. Looking forward to work in an organization where I can input my creative methodologies and out of the box thinking & be a team player.

Education

Bangladesh University of Professionals

Master's in Information Systems Security

Jan. 2020 – Apr. 2022

Dhaka, Bangladesh

R. P. Shaha Univesrsity

Bachelor of Science in Computer Science and Engineering

Feb. 2015 – Apr. 2019

Narayanganj, Bangladesh

Experience

Mutual Trust Bank PLC.

Security Engineer

May 2023 – Present

Gulshan, Bangladesh

- Perform VA/PT of system, network, application and api to enhance security.
- Red Teaming Activity and Provide Solution.
- Actively monitor security alerts and events through SIEM.
- Analyze threat intelligence about emerging threats and apply security measures.
- Detect High or critical alerts are missed during SOC monitoring.
- Ensure all the security incident are addressed.
- Perform Malware and forensics analysis then take necessary measures accordingly.
- Ensure all the security agents are integrated & ensure complaint.

Pentabug

Red Team (Remote)

Mar. 2023 – Present

Bangalore, India

- Project Based Pentest (Web/API/Mobile).
- Retest Application and Provide Solution.

Beetles Cyber Security Ltd.

Red Team Researcher

Nov. 2018 – Mar. 2023

Motijheel, Bangladesh

- Conduct Internal and External VA/PT.
- Exploit Modification.
- Maintain Cloud Infrastructure.
- Perform OSINT and Configuration Audit.
- Research and Development.

Certification

eLearnSecurity Certified Professional Penetration Tester(eCPPTv3)

INE

Jun. 2025 – May. 2028

Certified Information Systems Auditor (CISA)

ISACA

Oct. 2024 – Jan. 2028

Certified Ethical Hacker(CEHv11)

EC-Council

Oct. 2021 – Oct. 2024

Projects

APK Framework Detector | *Python*(February 2022)

Android Security for MFS | *Java, Python, Flask, Decompiler*(July 2021)

House(Runtime Application Analysis) | *Python, Flask*(December 2020)

RootEmu | *Bash*(October 2020)

& Contributions to the 100+ Open source Security Projects on Github.

Technical Skills

Languages: Python, C++, JavaScript, Assembly x86, PHP, SQL, Bash

Frameworks: Flask, Django, React, Symfony, Flutter

Monitoring Tools: QRadar, LogRhythm, Grafana, ELK Stack, Wazuh, Nagios

Technologies: Active Directory, Docker, Kubernetes, Jenkins, Git, JMeter, Selenium

Security Tools: Burp Suite, Metasploit, Wireshark, Autopsy, Radare2, Frida

Security Solutions: CrowdStrike, Trend Micro, Sophos, CISCO ASA, CISCO ESA, CISCO WSA, F5

Operating System: Red Hat, Ubuntu, Windows Server 2016, Windows Server 2019

Cloud: AWS, Azure, Digital Ocean

Training

Python & Django Mastery | *Techmasters* (2018)

Certified DevOps Engineer | *Page Cloud* (2020)

Red Hat Linux (RHCSA) | *Atova Tech* (2021)

CCNA | *Atova Tech* (2022)

Malware Analysis | *CyberFox Train* (2023)

Open Source Intelligence | *CyberFox train* (2023)

Certified Ethical Hacker | *Bangladesh Computer Society* (2023)

Achievement

Financial Institution and CII Cyber Drill

2023

4th Place among 92 Financial Organization in Bangladesh

BGD e-GOV CIRT

Financial Institution and CII Cyber Drill

2024

3th Place among 68 Financial Organization in Bangladesh

BGD e-GOV CIRT

Volunteer Experience

GeeksforGeeks

Aug. 2018 – Apr. 2019

Campus Ambassador

Noida, India

- Founded 'GeeksforGeeks RPSU' on campus.
- Encouraged students to competitive programming.