

# DEBANGSHU ROY

## CONTACT



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debang5hu.github.io

## EDUCATION

### 2022-Present

Sister Nivedita University,  
B.Tech in Computer Science Engineering  
(CGPA: 7.9 )

### 2021-2022

Techno India Group Public School ,  
Senior School Certificate Examination  
(Percentage: 85.4%)

## SUMMARY

Experienced in network, web application (API-focused) and Active Directory penetration testing with hands-on-skills developed through solving Hack The Box and creating CTF challenges. Proficient in automating workflows with Python and Bash, and possesses foundational knowledge of Docker security.

## EXPERIENCE

### • ZeroDay Alliance

Working as a **CTF developer**, creating challenges with a focus on web, network, and binary exploitation categories.

[medium.com@debang5hu/timeb0mb-ctf-writeup-eb2d0799009c](https://medium.com/@debang5hu/timeb0mb-ctf-writeup-eb2d0799009c)

## PROJECTS

### • Keylogger

It logs keystrokes and collects unique clipboard data, which is then periodically sent to the attacker's Telegram account to make it appear legitimate.

### • Wushi

It features a collection of honeypot services designed to mimic vulnerable systems and capture attempted attacks, with a focus on HTTP and SSH services.

## SKILLS

- Network Penetration Testing
- Web Application Penetration Testing
- Active Directory Penetration Testing
- VAPT
- Languages: Python, C++, Bash
- Tools: Nmap, BloodHound, BurpSuite, Wireshark, Metasploit, Havoc C2

## CERTIFICATIONS

- Microsoft Certified: Security, Compliance, and Identity Fundamentals
- FullHouse - Hack The Box

## Languages

- English • Hindi • Bengali