

ARYAN GURUNG

Security Analyst and Red Team

gurungaryan73@gmail.com | +917477596692

SUMMARY

Highly skilled and experienced cybersecurity professional with a 4+ years of expertise in conducting red-team attack simulations, penetration testing, and custom exploit and malware development. Possesses a strong technical background combined with exceptional client management and communication skills. Proven ability to identify and exploit vulnerabilities, providing valuable insights to enhance organizational security posture. Excels in collaborating with cross-functional teams to deliver effective solutions that meet client needs. A trusted advisor known for consistently exceeding expectations and delivering results in complex and dynamic environments.

Links:

[Github 1](#)

[Github 2](#)

[Linkedin](#)

[Website 1](#)

[Website 2](#)

TECHNICAL SKILLS

- **Programming:** C/C++, Rust, Python, Go, Java, JavaScript, C#, SQL, HTML/CSS
- **Networking:** Fundamentals, protocols, packet capture and analysis using Wireshark
- **Technologies:** Bash, PowerShell, Git, Docker, IDA Pro, Ghidra, Burp, Metasploit, Havoc, Wireshark
- **Writing:** Technical Penetration Test Report
- **Security:** Active Directory, VAPT, Red Team, Incident Response, Reverse Engineering, Exploit development, Malware Development
- **OS:** Linux, Windows, Mac

PROFESSIONAL EXPERIENCE

CyberSmithSecure

Purple Team

Mumbai, IN

Aug 2023 – May 2024

Conducting Red Teaming and Incident Response Assessments entails collaborating with post-exploitation frameworks (Command and Control, C2) and employing various tools to execute these evaluations. Furthermore, it involves the establishment and continuous upkeep of a dependable Red Team Infrastructure, as well as the creation of Fully Undetectable (FUD) exploits.

Subconscious Compute

System Security Engineering

Bangalore, IN

Jul 2022 – Sep 2022

- Built a Kernel-Level security tool for anomaly and threat detection in Rust and Aya Framework
- Curate the output for better pipeline integration with a ML framework

VIKASANA

Presidency University R&D - Cybersecurity Division

Bangalore, IN

Aug 2021 – Present

- Engage in CTF competitions
- Conduct workshops
- Educate about cyber security awareness

GPCSSI2021

Gurugram Police, Cyber Cell

Gurugram, IN

Jun 2021 – Jul 2021

- Email Crimes and Investigations
- Social Media Crimes and Securities
- Financial Frauds and Securities
- Dark Web Analysis
- Cloud security
- IOT Security

Certifications

OpenSecurityTraining2 Dbg1011: Beginner WinDbg - OpenSecurityTraining2	2023-06-25
Foundation Level Threat Intelligence Analyst - arcX	2023-06-25
Microsoft Rust - Microsoft	2022-10-20
Web Hacking/Penetration Testing & Bug Bounty Hunting - Udemy	2022-06-02

Projects

Rrep | Rust, Unix, CLI

link: <https://github.com/oxlilith/rrep>

- A simple grep implementation in rust

Rusty-Chan | Rust, Discord, Bot, API

link: <https://github.com/oxlilith/rusty-chan>

- Discord bot written in rust language

seektf | Go, CTF, Networking, API, CLI

link: <https://github.com/SacredShell/seektf>

- A Cli tool to view upcoming CTFs

RAMP | Rust, Networking, CLI

link: <https://github.com/SacredShell/seektf>

- A highly efficient port scanning tool,
- Designed to swiftly scan ports, completing the task within mere seconds
- Ensure comprehensive coverage without overlooking any ports.

gosafe | Go, Database, CLI

link: <https://github.com/oxlilith/gosafe>

- Generate password and keep it safe

Stivale2 | C, Shell, Make file, Kernel

link: <https://github.com/oxlilith/stivale-two>

- Bare Bone Kernel Implementation

Education

Presidency University, Bangalore

Apr 2020 - Present

B.Tech Computer Engineering (Specialization in Cyber Security)

• **Courses:** OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures, DBMS, Web Security, Java, System Architecture, Physics, Engineering Mathematics, Chemistry, Electronics, Ethical Hacking, Data Forensics

Awards

Hacktoberfest 2021 - Digital Ocean

<https://dev.to/h3athen>

Hacktoberfest 2022 - Digital Ocean

<https://www.holopin.io/@h3athen#badges>

Known Interests

- Windows Internals
- Linux Internals
- Malware Development
- Tool Development
- Binary Exploitation
- Threat Hunting