**Glan Loyan Dsouza**

Pursuing Masters in Cybersecurity

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[[github.com/glanloyand](https://github.com/glanloyand)](http://github.com/glanloyand) [●](https://github.com/glanloyand) [[www.realseclabs.com](https://github.com/glanloyand)](http://www.realseclabs.com)

**Profile Summary**

Cybersecurity professional with expertise in VAPT, SOC monitoring, and security tool development. Proficient in Burp Suite, Metasploit, Wireshark, Kali Linux, and Python. CEH v12 & Threat Hunter certified, experienced in SIEM investigations, threat analysis, and incident response. Passionate about strengthening cybersecurity defenses through innovative solutions and research.

**Core Skills**

* **Cybersecurity Expertise**: Proficient in VAPT, penetration testing, and bug hunting, with hands-on experience using tools like Burp Suite, Metasploit, Wireshark, and more.
* **Hands-on SOC Analyst training via LetsDefend**, focusing on real-world threat analysis, SIEM investigations, and cybersecurity incident handling.
* **Gained hands-on experience in SOC monitoring** through one month of practical training on LetsDefend, analyzing security alerts and investigating incidents.
* **SOC Monitoring & Incident Response** – SIEM, Log Analysis, Threat Investigation
* **Threat Hunting & Malware Analysis**
* **Security Information & Event Management (SIEM)** – Splunk, QRadar, ELK
* **MITRE ATT&CK Framework & Cyber Kill Chain**
* **Python for Security Automation**: Skilled in scripting and automating offensive security tasks, including vulnerability detection and exploit development.
* **Proficient in**: Python, Javascript
* **Advanced Networking & Protocols**: Strong understanding of OSI and TCP/IP models, packet analysis, and secure network configurations.

**Work Experience**

**Cybersecurity Intern | Cybersapiens United LLP,India**

October 2022 – October 2023

* Conducted 20+ VAPT assessments, identifying 50+ vulnerabilities, including critical security flaws in IISc, PharmEasy, and Tamara.com, reducing their attack surface by 30%.
* Investigated 100+ security alerts per week, reducing false positives by 40% using Splunk & Wireshark, improving response time by 25%.
* Conducted security assessments using industry-standard tools such as Burp Suite, Nmap, and ZAP Proxy to identify vulnerabilities and simulate adversary tactics.

**Education**

**MSc in Computer Science – Cybersecurity & Ethical Hacking**

Yenepoya University, Mangaluru | 2024 – 2025 | CGPA: 9.0

**Bachelor of Computer Applications (BCA)**

St. Aloysius College, Mangaluru | 2019 – 2022 | CGPA: 7.3

**Projects**

**Live SOC Monitoring (LetsDefend)**

* Monitored real-time security alerts, performed triage, and investigated incidents in a simulated SOC environment.
* SIEM (Security Information and Event Management), Splunk, Wireshark, MITRE ATT&CK Framework, Log Analysis Tools.
* Improved incident response efficiency by accurately identifying threats, reducing false positives, and enhancing threat analysis skills in a real-world simulated environment.

**Offensive Security Automation with Python**

* Developed and automated penetration testing tools for reconnaissance, scanning, MITM attacks, exploitation, and web vulnerability testing.
* Python, Scapy, BeautifulSoup, Paramiko, ftplib, NetfilterQueue, PyInstaller.
* Streamlined security assessments by automating repetitive tasks, reducing manual effort, and improving accuracy in vulnerability detection.

**Penetration Testing & Vulnerability Assessment Tool**

* Developed a security testing tool featuring proxy, intruder, and automated scanning for enhanced security assessment using Javascript

**Certifications**

* [EC-Council Certified Ethical Hacker (CEH v12)](https://aspen.eccouncil.org/VerifyBadge?type=certification&a=PL+QS1EpNPlfkh1/2uWMMawAsI7NTDo8Ih7Fr+n1mU4=)
* [Microsoft Azure: Identity and Access Management](https://www.linkedin.com/learning/certificates/f8d056dd48c1ec3f1b7f2467a4d684fd449bce322a3eba6fb29b2d6be6c82f57?trk=share_certificate)
* LetsDefend SOC Analyst
* [Certified Ethical Hacker from Cybersapiens United LLP](https://drive.google.com/file/d/1k8QrdVD0vggSnUlCAc1zjcSF4Z89jMBD/view?usp=sharing)
* [Cyber Security And Threat Hunting Certificate from Cybersapiens United LLP](https://drive.google.com/file/d/1qtE_parRJCAsJJArHAN7kcDr0QGgwAzU/view?usp=sharing)

**Achievements**

* Performer of the Month – Cybersapiens United LLP
* VAPT Certificate of Appreciation for Outstanding Bug Detection
* Executive Board Member (Secretary) – OWASP Yenepoya Chapter