**Glan Loyan Dsouza**

**Red Teaming (Offensive Security)**

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**Core Skills**

* **Penetration Testing & VAPT**: Expertise in identifying vulnerabilities in web applications, networks, and APIs.
* **Network Security**: Proficient in firewalls, IDS/IPS, packet analysis, and secure network architecture.
* **Red Teaming & Blue Teaming**: Skilled in offensive and defensive security strategies.
* **Web & API Security**: Experience in testing for OWASP Top 10 vulnerabilities, API security assessment.
* **Cloud Security**: Understanding of security in AWS, Azure, GCP environments.
* **Identity & Access Management (IAM)**: Implementing security policies and role-based access control.
* **Secure Coding & Scripting**: Proficient in Python for security automation and exploit development.
* **Threat Intelligence & Incident Response**: Experience with SIEM tools, log analysis, and forensic investigations.
* **Ethical Hacking Tools**: Hands-on experience with Burp Suite, Wireshark, Nmap, Metasploit, and more.
* **Compliance & Risk Management**: Familiar with PCI DSS, GDPR, ISO 27001, and security auditing.
* **SOC Monitoring & Incident Response** – SIEM, Log Analysis, Threat Investigation
* **Threat Hunting & Malware Analysis**
* **Security Information & Event Management (SIEM)** – Splunk, QRadar, ELK
* **Python for Security Automation**: Skilled in scripting and automating offensive security tasks, including vulnerability detection and exploit development.
* **Advanced Networking & Protocols**: Strong understanding of OSI and TCP/IP models, packet analysis, and secure network configurations.

**Internship**

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

October 2022 – October 2023

* Conducted **VAPT assessments** for clients like IISc, PharmEasy, and Tamara.com.
* Identified **clickjacking, subdomain takeovers, and web vulnerabilities**.
* Performed **SIEM investigations & incident response** using **Splunk & Wireshark**.
* Developed **VAPT reports** with **remediation strategies** for clients.

**Education**

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

Yenepoya University, Mangaluru | 2023 – 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