Hasan Alboraee *Cyber Security Specialist - Red Teamer*

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in Hasan Abdulrahman

🔗 My blog

Profile

Highly skilled and dedicated Cyber Security Specialist with a strong focus on Red Teaming, Offensive Security, and Cloud Red Teaming. With extensive experience in developing and deploying advanced offensive tools, conducting penetration tests, and leading red team operations, I specialize in simulating sophisticated attack scenarios to identify and exploit vulnerabilities. I also have a solid background in Blue Teaming and Detection Engineering, leveraging my expertise to design and implement effective detection strategies and improve security monitoring. With a Bachelor's Degree in Cyber Security, I excel in bridging offensive and defensive approaches to help organizations enhance their overall defense posture against evolving cyber threats.

Professional Experience

2025/01 – Present
Sana'a, Yemen

Red Team Lead
DeepSafer
As Red Team Lead, I direct and manage full-spectrum adversary simulation programs to assess enterprise defenses against sophisticated cyber threats. My responsibilities include:
- Leading and mentoring a team of red team operators in designing and executing advanced offensive campaigns that emulate APT-level tactics, techniques, and procedures (TTPs).
- Driving collaboration with blue teams and detection engineers to ensure findings translate into measurable improvements in detection, response, and resilience.
- Architecting red team strategies aligned with organizational risk models, regulatory compliance requirements, and industry threat landscapes.
- Overseeing the development and deployment of custom offensive tools, cloud attack simulations, and adversarial tradecraft to keep pace with evolving threats.
- Delivering executive-level reporting and technical debriefs to stakeholders, translating technical risks into business impacts to influence security investments.

2024/09 – 2025/01
Sana'a, Yemen

Senior Red Team Operator
DeepSafer
As a Senior Red Team Operator, I lead and execute sophisticated adversary simulations to evaluate and enhance the security posture of organizations. With extensive experience in offensive security, I design and perform complex attack scenarios that mimic real-world threats, providing actionable insights to fortify defenses against advanced persistent threats (APTs) and other cyber adversaries.

2024
Sana'a, Yemen

Offensive Tools Developer
DeepSafer
As an Offensive Tool Developer, I specialize in creating advanced tools and techniques to simulate real-world cyber attacks, enabling organizations to identify and mitigate vulnerabilities in their systems. My expertise lies in developing custom exploitation frameworks, automated attack scripts, and sophisticated payloads to enhance penetration testing and red team operations.

2024 Sana'a, Yemen	**Ethical Hackig Lecturer** *Al-Razi University* As an ethical hacking lecturer, I have taught students and professionals about cybersecurity, ethical hacking practices, and penetration testing through engaging lectures, hands-on training, and interactive workshops. I designed and updated course materials to cover key topics like network security, vulnerability assessments, and tools such as Metasploit, Wireshark, and Kali Linux. I guided participants through simulated hacking environments, ensuring they gained practical experience, and stayed updated with the latest cybersecurity trends to provide relevant and impactful knowledge.
2023 Sana'a, Yemen	**Detection Engineer** *DeepSafer* I excel in developing and implementing advanced detection mechanisms to identify and mitigate cyber threats. My expertise lies in malware analysis and creating robust YARA rules that enhance an organization's ability to detect and respond to malicious activities effectively.
2023 Sana'a, Yemen	**Malware Analyst** *DeepSafer* I specialize in dissecting and understanding malicious software to uncover its behavior, origins, and potential impact. With extensive experience in reverse engineering, I meticulously examine malware binaries, decompile code, and analyze system interactions to identify and neutralize threats.

Education

2020/11 – 2024/05 Sana'a, Yemen	**Cyber Security Bachelor Degree** *Al-Razi University* ⧉ I hold a Bachelor's Degree in Cyber Security, which has provided me with a strong foundation in protecting information systems, understanding cyber threats, and implementing effective security measures. This academic background has equipped me with the knowledge and skills necessary to address complex security challenges in today's digital world.
2016/09 – 2019/07 Sana'a, Yemen	**High School Certification** *Ar-Rasheed Modern School* ⧉ I hold a High School Certification, which provided me with a solid academic foundation and a diverse set of skills necessary for higher education and professional growth. This certification reflects my commitment to academic excellence and personal development.

Courses and Certifications

2024/12 – 2024/12 Online	**Certified Ethical Hacker** ⧉ *Cisco Networking Academy*
2025/01 – 2025/01 Online	**CRTA - Certified Red Team Analyst** ⧉ *CyberWarFare Labs*
2024/11 – 2024/12 Online	**MCRTA - Multi Cloud Red Team Analyst** ⧉ *CyberWarFare Labs*
2024/06 – 2024/06 Online	**Red Teaming Path** ⧉ *TryHackMe*
2025/08 – present Online	**Certified Penetration Test Specialist** *HTB*
2025/04 – 2025/04	**ERTL - Extreme Red Team Labs** *Extreme Red Team Laboratories*

Programing Languages

Golang
I leverage Go's efficiency, concurrency, and scalability to create robust and high-performance security tools. My expertise in Go allows me to design and implement sophisticated solutions that enhance the effectiveness of penetration testing, red team operations, and security automation.

Python
I leverage Python's versatility and extensive ecosystem to develop advanced offensive security tools, automation frameworks, and proof-of-concept exploits. My expertise in Python enables me to rapidly prototype, integrate with security APIs, and build scalable solutions for penetration testing, red team operations, and detection evasion. I also use Python to enhance operational efficiency through customized scripts that streamline reconnaissance, exploitation, and reporting workflows.

C++
I specialize in C++ and low-level development, creating advanced tools for malware, exploit development, and red team operations. My expertise in system internals and optimization drives stealthy, high-performance solutions for offensive security.

Nim
I utilize Nim's performance, low-level control, and cross-compilation capabilities to create stealthy and evasive offensive security tools. With Nim, I develop lightweight payloads, red team implants, and custom frameworks that combine efficiency with stealth, bypassing modern detection mechanisms. My proficiency in Nim allows me to innovate in adversary simulation, crafting advanced tradecraft tailored to real-world attack scenarios.

Skills

Analytical Thinking
Strong ability to analyze complex problems and devise effective solutions.

Team Collaboration
Effective team player with experience leading and collaborating with cross-functional teams.

Communication
Excellent written and verbal communication skills, capable of explaining technical concepts to non-technical stakeholders.

Continuous Learning
Committed to staying updated with the latest cybersecurity trends, techniques, and tools.

Tech Skills

- Bash Scripting
- Python Scripting
- Linux - Exploitation
- Security Policies
- Cloud Pen Testing
- Detection Rules Creation
- SentinelOne Management Console
- AD - Exploitation
- OWASP Top 10
- ManageEngine - Configuration
- VAPT - (Vulnerability Assessment & Pen Testing)
- Malware Analysis
- Splunk
- Windows Exploitation

Languages

- Arabic
- English