ANSH RAJ

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Education

Lovely Professional University

August 2021 - present

Bachelor of Technology in Computer Science and Engineering CGPA: 7.04

Jalandhar, Punjab

Projects

Key Logger | Python, pynput

Feb 2023 - Dec 2023

• A keylogger logs all keys on your keyboard and hides in the background. This is a common tool used by hackers for stealing information from users without them knowing. The keylogger project will provide insights into user behavior within an organization, helping identify potential security threats, compliance breaches, or inefficient work practices, while promoting responsible usage, consent, and privacy.

Kids Learning Game | Python, Html

Jan 2024 - May 2024

• The project was made using Python on Visual Studio Code IDE. In the game, images are shown to the user for a specific amount of time. Afterward, they must select the name of the images that were displayed from a list. This helps to determine the total number of images.

Positions Of Responsibility

CFSS | Penetration Tester

Jun 2024 - Aug 2024

- About: During my Penetration Tester Internship at CFSS, I conducted vulnerability assessments and penetration tests on web applications and networks, utilizing tools like Burp Suite, Nmap, and Metasploit. I tackled CTF challenges on platforms such as VulnHub and PicoCTF, focusing on privilege escalation and network exploitation.
- Tech Stack used: Vulnerability Assessment, Burp Suite, Nmap, Metasploit, Privilege Escalation, Hash Cryptography

TryHackMe | CTF - Player

Jan 2024 - Present

- About: As a TryHackMe CTF participant equipped me with practical expertise in utilizing diverse tools, navigating
 through labs, and exploring learning paths, All while tackling real-world issues and enhancing my skills through practical
 hurdles.
- Tech Stack used:Digital Forensics, Network Security, SQLi, IDOR, Metasploit, Burp Suite, Linux, Nmap, Wireshark, OSAWP10

Technical Skills/Strengths

Languages: C/C++, Python, Bash Script

Tools: OWASP10, SQLi, Burp Suite, Nmap, Hashcat, Wireshark, Nessus, Cryptography, OS

Technical: Cyber Security, Networking, Security, Pentest, Virtual lab, Cloud, Coding, Adobe Photoshop Coursework: Fundamentals, Linux, Network Exploitation, Web Exploitation, Windows Exploitation

Achievements

- Hall of Fame NASA, Air Canada, Village Roadshow
- Secured Global Rank Top 3 % (TryHackMe)
- CTF competition (Indian cyber security solution)
- ByteBash Coding Hackathon (Student Welfare Wing)
- Part of North India's Largest Cyber Security Conference (CyberSec Symposium 2.0)

Workshop

- Part of Introduction to Cyber Security and Bug Bounty (Symposium)
- Learned about Blockchain & Threat Intelligence (Symposium)
- How to create and hack your own live server (MSTC Punjab)

Global Certification

• Achieved the eLearnSecurity Junior Penetration Tester (eJPT) certification in September 2024, demonstrating proficiency in penetration testing methodologies, network and web application security, information gathering, exploitation techniques, vulnerability assessment, and scored 85%.

Certifications

- Cybersecurity Essential (Coursera)
- Complete Interview Preparation Self-Paced (DSA) by **GFG**.
- IBM Cloud Essentials (\mathbf{Edx})
- Complete Beginner (**TryHackMe**)
- Jr Penetration Tester ($\mathbf{TryHackMe}$
- CompTIA Linux+ XK0-005 (Cybrary)
- Pre-Security (**TryHackMe**)