VIVEK YADAV

SENIOR SECURITY EXPERT | OSCP | 7+ YEARS EXPERIENCE

I'm a Cyber Security engineer, looking to work in a progressive organization, focused towards IT Security which can provide adequate Opportunities and an environment for growth and Continuous learning.

Contacts :

- Email ID: vyvivekyadav04@gmail.com
- Mobile: +91-7565877247

Certifications :

- Offensive Security Certified Professional (OSCP)
- CREST Practitioner Security Analyst (CPSA)
- CREST Registered Penetration Tester (CRT)
- Certified in Cyber Security (ISC)2
- ISO/IEC 27001:2022 ISMS LA

Cyber Security Skills :

- Web Applications Pen-testing
- Python
- API Security Testing
- Red Team Assessments
- Malware Analysis
- Mobile Application Security Testing
- Network Security Testing
- Network Device Configuration Security Auditing
- Cloud Security Testing
- Open Source Intelligence
- Social Engineering
- Server Security and Hardening
- Wireless Pen-testing
- Metasploit framework
- Scripting to automate Security Testing
- VoIP Security
- Docker/Container Security
- Active Directory Penetration Testing
- Payment Gateway (E-Commerce) Security
- OSINT (Open-source intelligence)
- Threat Modeling (STRIDE)
- PII Security
- Managing Bug Bounty Programs
- Cloud security posture management (CSPM)
- Web3 / Blockchain (Smart Contract) Security
- AI for CyberSecurity
- AI / LLM Security
- MLSecops
- AI Prompt Injection
- OWASP, SANS,NIST and MITRE ATT&CK

Profiles

https://github.com/vyvivekyadav04
https://www.cybrary.it/members/vyvivekyadav04/
https://in.linkedin.com/in/vyvivekyadav04

PRODUCT SECURITY ANALYST

HackerOne | June 2024 - Present

I'm currently working at this organization as a Product Security Analyst ,where I'm responsible for a number of security related activities including the following :

- Application Security (VAPT/Pentesting)
- Bug Bounty Triaging
- Security Issue Mitigation
- Bug Bounty Hunting

SENIOR SECURITY EXPERT

ixigo (Le Travenues) | May 2021 - June 2024

I have been working at ixigo as a "Senior Security Expert" ,where I was responsible for a number of security related activities including the following :

- Sensitive information Monitoring
- Security Automation Using Python
- Application Security (VAPT/Pentesting)
- Red Team Assessments
- Financial Services (APIs) Security
- Phishing/Spoofing Protection
- Cloud Security
- Infra Security
- Code Security (SAST and Dependency scanning)
- Internal Security Policy
- Google Workspace Security
- Public Asset Monitoring (Git,Shodan,S3 etc)
- Implementing the process for Bug Bounty
- Threat Modeling (STRIDE)
- Brand related fraud Monitoring and takedown (Domains,Apps,Telegram)
- Cloud security posture management (CSPM)
- Worked on ISO 27001 (ISMS),PCI-DSS and DL-SAR Audits
- Employee Security Awareness
- AI / LLM Security, MLSecops
- PII Security
- DevSecOps
- AWS (Cloud Security)
- Wifi Pentesting
- VOIP Security testing

CYBER SECURITY ENGINEER

InfoEdge India Ltd. | February 2020 - May 2021

I have been working at **Info Edge India Ltd.** as a "**Cyber Security Engineer**". During the course of which I've been involved in many kinds of Innovative activities, some of which are listed below :

- Security Automation Using Python
- Fraud Analysis and Prevention
- Secure Code Review
- Implementation Of Automated Security scanning and Patching of code Dependencies
- Web Application Security
- Mobile Application Security
- Network Security (Including Device Configuration Auditing)
- Server Security
- Cloud Security
- Docker Security
- VOIP Security
- OS Security
- Active Directory Penetration Testing
- Code Coverage using (CodePulse)
- Threat Monitoring (Watcher)
- Docker Security Scanning

Bug Hunting (Hall Of Fames)

Following are the Hall of Fames and Appreciations that I've received: -

- **SkyScanner (https://bugcrowd.com/skyscanner/hall-of-fame)**
- **Under Armour (https://bugcrowd.com/underarmour/hall-of-fame)**
- **Redox (https://bugcrowd.com/redox/hall-of-fame)**
- **Westernunion (https://bugcrowd.com/westernunion/hall-of-fame)**
- **Indeed (https://bugcrowd.com/indeed/hall-of-fame)**
- **Binance (https://bugcrowd.com/binance/hall-of-fame)**
- **Intel (Certificate of Appreciation):**

(https://drive.google.com/open?id=0B0kkab4QGzLremFZd2ROSjF3YkRINlVET3hJdnIxZ2FsVlln)·

- **Bugs In Govt. Websites:**

Apart from the above mentioned, I've also submitted bugs to Govt. websites , as a recognition to which my name was also mentioned in the NCIIPC October 2019 Newsletter.

Programming Languages

- Python
- C#
- C/C++

CYBER SECURITY ANALYST

Kratikal Tech Pvt. Ltd. | March 2018 - February 2020

I had worked at **Kratikal Tech Pvt. Ltd**. for **23 months** (6 months as Intern) as a "**Cyber Security Analyst**".

During the course of which I had been involved in many kinds of on-site and offsite security testing projects involving **Web Applications, APIs, Infrastructure, Network, Mobile Applications, Cloud, Thin-Client, Payment Gateway (E-Commerce)** and **Wireless Devices.**

I had also conducted **forensic analysis** of a few data breach cases using log files and other traces to determine the attacker, source and type of attack and the timing of that incident.

FREELANCE CYBER SECURITY CONSULTANT

Worked for various private clients and government projects.

In my freelance work, I have collaborated with a diverse range of private clients, both in India and internationally, delivering tailored cybersecurity solutions to ensure robust protection for their digital assets. Additionally, I contributed to the Government of India's "Smart City Project," specializing in Network, Server,Mobile and Web Application Penetration Testing to enhance security and infrastructure resilience.

EDUCATION HISTORY

ARMY SCHOOL BARRACKPORE,KOLKATA

Class Xth | (CBSE)

CENTRAL MODEL SCHOOL BARRACKPORE,KOLKATA

Class XIIth | (CBSE)

NEHRU GRAM BHARATI DEEMED UNIVERSITY

BCA | (Deemed University)

DIPLOMA COURSE IN INFORMATION SECURITY

Duration: 1 Year | (Appin Technology Labs)

DEV BHOOMI GROUP OF INSTITUTIONS, DEHRADUN

MCA | (Uttarakhand Technical University)

CERTIFICATION IN PYTHON

Duration: 3 Months | (Acadview)

CERTIFICATION IN PYTHON

Duration: 1 Month | (Ducat)

PROJECTS :

PROOF OF CONCEPT FOR CVE-2019-14287

https://github.com/vyvivekyadav04/Sudo-Security-Bypass-CVE-2019-14287

This is a simple Proof of concept to test for recently disclosed Sudo Security Bypass vulnerability known as CVE-2019-14287.

INSTABOT

https://github.com/vyvivekyadav04/InstaBot

A Simple Instagram Bot which was programmed in Python to Understand implementation of the Instagram API, which does targeted comments and Likes on posts.

SPY CHAT

https://github.com/vyvivekyadav04/SpyChat

A Simple Chat Program in Python to understand the use of “Steganography” Python library.
It’s a terminal chat app using python that allows you to send and receive messages hidden inside an image. The chat app does not use a database or any other form of persistent data storage and will rely on the computer's non-persistent memory (RAM).

SHARP SCAN

https://github.com/vyvivekyadav04/SharpScan

A Simple Host Scanner for LAN written in C#, having some extra features like:

- Wi-Fi Hotspot
- Email Reporting
- Port Scanning
- WhoIs Report
- IP Scanning

HOTSHOTBOT

https://github.com/vyvivekyadav04/hotshotbot

HotShotBot is an AIML based Chat Bot written in C#; a computer program you can talk to. Currently It provides Voice Output, but I’m planning to get voice input using an advanced, voice to text service (like Google Voice).

OTHER ACHIEVEMENTS :

STEGANOGRAPHY TOOL

This is a proof of concept project developed to show a working implementation of the Concept called “Steganography” which is actually a technique used to hide information in an image. I used C# (.NET) to develop this for my Masters Degree Comleation Project .

NETWORK DEVICE SECURITY AUDITING TOOL

This is an under development tool written in python.Major purpose of this tool is to automate the process of network devices' configurations security auditing.One of its plus point is that it is being designed as a suggestive tool rather than a declarative tool.