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# Experience

Aug 2023 – Present	<b>Security Support Engineer</b> Thinkst Applied Research (Thinkst Canary) ∂	Full-time, Remote
	<ul> <li>Providing comprehensive technical support to customers, addressing issues related to deployments, integrations, and incident response.</li> </ul>	
	<ul> <li>Troubleshooting and resolving complex technical problems within customer environments.</li> </ul>	
	<ul> <li>Communicating technical issues and solutions effectively to customers with varying levels of technical expertise.</li> </ul>	
	<ul> <li>Delivering exceptional customer service, demonstrating empathy, patience, and professionalism in high-pressure situations.</li> </ul>	
	<ul> <li>Maintaining a detail-oriented approach to resolving technical issues, ensuring accuracy and completeness in all solutions.</li> </ul>	
	<ul> <li>Collaborating effectively with team members to meet customer needs and contribute to a positive, supportive work environment.</li> </ul>	
	<ul> <li>Expanding on customer deployments by taking an advisory role, educating customers with every query.</li> </ul>	
Nov 2022 – Present	<b>Core Pentester</b> Cobalt.io ♂	Freelance, Remote
	<ul> <li>Conducting comprehensive web application and API penetration tests, aligning with OWASP Top 10, ASVS, and other industry standards.</li> </ul>	
	<ul> <li>Executing thorough internal and external network penetration testing assessments.</li> </ul>	
	<ul> <li>Performing security audits on cloud configurations, including AWS, Azure, GCP, etc., to ensure compliance with CIS benchmarks and other relevant standards.</li> </ul>	
	<ul> <li>Engaging with clients to deliver real-time findings and updates, fostering transparent communication and prompt resolution of security issues.</li> </ul>	
Nov 2021 – May 2023	<b>User Generated Content Liaison / Jr. Vulnerable Machine Engineer</b> OffSec (Offensive Security) <i>&amp;</i>	Full-time, Remote
	<ul> <li>Spearheading the development of vulnerable virtual machines for our lab offerings, notably Proving Grounds - Play, Practice &amp; Enterprise, to enhance hands-on learning experiences.</li> </ul>	
	<ul> <li>Crafting and implementing AutoPwn scripts to streamline and automate the testing process, optimizing efficiency and accuracy.</li> </ul>	
	<ul> <li>Assessing and vetting vulnerable virtual machines submitted to our User Generated Content program, ensuring quality and relevance.</li> </ul>	
	<ul> <li>Collaborating closely with content submitters to provide constructive feedback on their submissions, facilitating improvements and guiding approval decisions.</li> </ul>	
	<ul> <li>Diligently reviewing submissions to platforms such as VulnHub, Exploit-DB, and GHDB to stay ahead of emerging vulnerabilities and exploit techniques.</li> </ul>	

### Security Analyst

Defmax.io 🔗

- Conducted penetration tests for a diverse range of web and mobile applications, identifying vulnerabilities and providing actionable recommendations for mitigation.

Jan 2021 - Oct 2021

#### **User Generated Content Author**

OffSec (Offensive Security) ∂

- Created over 15 vulnerable virtual machines for OffSec's User Generated Content program, contributing to hands-on learning and skill development within the cybersecurity community.

## Certifications

OSCP ⊘ Offensive Security Certified Professional **CRTP** *∂* Certified Red Team Professional

## Research

**CVE-2021-35448** *∂* Identified local privilege escalation vulnerability in Remote Mouse.

**CVE-2021-41652** *∂* Identified a missing access control vulnerability in BatFlat CMS.

**CVE-2022-25012** *⊘* Discovered weak password encryption vulnerability in Argus Surveillance DVR.

## **Publications**

### Cracking Pi-Hole Passwords 🔗

Exploit-DB Decrypting password hashes secured with iterative hashing through the application of mdxfind.

### Analyzing Java Heapdumps 🔗

Exploit-DB Identifying sensitive information within Java heap dumps by leveraging Object Query Language (OQL). Full-time, Remote

Freelance, Remote