KARTIKEY SHARMA

CONTACT INFORMATION

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LOCATION	DUBLIN, IRELAND
ADDITIONAL INFO	
AGE	26
EXPERIENCE	4 YEARS
PASSION	HIGH

Key Skills

- CEH Certified (v11)
- Penetration Testing
- Vulnerability Scanning
- DAST
- SAST
- Reverse Engineering

Hobbies

- Gaming
- Streaming
- Socializing

Proficiencies

- Python, C/C++, Bash
- Burp Suite, Owasp ZAP
- Metasploit Framework
- IDA Dissembler, Ghidra
- Kali Linux
- Unity 3D, Unreal Engine
- MS Office
- Visual Studio

Achievements

- top 10 in Brixel CTF
- Top 50 in Nahamcon CTF

EDUCATION

- National College of Ireland, Dublin, Ireland
  Master of Science in Cyber Security — 2023 – 2024
- Dr. A. P. J. Abdul Kalam Technical University
  Bachelor of Technology Computer Science and Engineering — 2013 – 2017

CAREER HISTORY

- Information Security Engineering Analyst, Optum, Noida, India — June 2021 – December 2022
  - ♦ DAST ♦ SAST ♦ Vulnerability Assessment ♦ Penetration Testing
  - ♦ Vulnerability Scanning ♦ WebInspect ♦ Burpsuite ♦ OWASP ZAP
  - ♦ API Security ♦ Whitehat Sentinel ♦ OSINT ♦ LOG4Shell ♦ Automation
- Computer Science researcher, DRDO, Ministry of Defence, India — May 2018 – May 2020
  - ♦ Network Security ♦ Reverse Engineering
  - ♦ Computational Fluid Dynamics ♦ Drone Communication and Design
  - ♦ Wardriving ♦ Fire Simulation ♦ VAPT
- Digital Product Innovation Intern, CEB (Now Gartner) — June – August 2015 & 16 (4 months)
  - ♦ CMS ♦ Web Development ♦ Python Automation ♦ MS Office

SKILL TREE

Operational Security
- VPN Stack
- TCP/IP Fundamentals
- Access Control
- Network and Security Fundamentals
- Cryptography
  o Encryption
  o Hashing
  o Cipher Suites

Pentesting Tools
- Metasploit Framework
- Webinspect
- OWASP ZAP
- Burpsuite
- Nessus
- Appspider
- Fortify
- Contrast
- Appscan

Mobile Security
- Android
  o Dynamic Analysis
  o Static Analysis
  o Memory Injection
  o Shell Injection
- Apple IOS
  o MITM
  o Request Hijacking

Programming
- C / C++
- Python
- Java

Technical Skills
- OWASP Top 10
- SANS 25
- VAPT
  o Network
  o Infrastructure
  o Active Directory
- Privilege Escalation
  o Linux
  o Windows

Others
- Application Memory Patching
- Binary Disassembly
- ESP Development
- 3D Modeling
- Graphics Designing

I am a non-EEA Student, currently pursuing a Master's Degree in Cyber Security at the National College of Ireland, Dublin. Looking forward to being a part of your organization and improve myself with time.

The spade does not dictate the architect's vision