

Karim Mohamed

Security Consultant, Researcher and Educator

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Passionate about technology, and cyber security, I thrive in collaborative environments and am always motivated to solve challenging problems. I want everyone to work towards securing their products, and have a good time doing it which makes communication, openness and kindness key. I strive to be the kind of mentor that I wish I had starting out in this field, To that end, I create content geared toward topics that are often overlooked.

<https://www.linkedin.com/in/akenofu>

<https://akenofu.me>

SKILL SET

- ❖ Application Penetration testing
 - Web Application Penetration Testing
 - Mobile Application Penetration Testing
 - Thick Client Application Penetration
- ❖ Network Penetration Testing
- ❖ Active Directory & Azure Active Directory Assessments
- ❖ Source Code Review
- ❖ Building and scaling high-performance applications
- ❖ Presenting to technical and non-technical audiences
- ❖ Cloud Config Reviews
 - AWS
 - GCP
 - Azure
- ❖ Technical report writing and documentation
- ❖ Semantic and technical document QA and editing
- ❖ Creating scalable training environments
- ❖ Containerization and Infrastructure provisioning
- ❖ Designing training material and outlines

WORK EXPERIENCE

SEP 2022– PRESENT

Security Consultant, MDSec Consulting LTD

- ❖ Conducting penetration testing engagements
- ❖ Conducting Active Directory, Azure Active Directory, and hybrid environments Assessments to identify security issues
- ❖ Perform Source Code and Cloud Config Reviews to identify security issues ,and missing industry best practices
- ❖ Technical report writing and documentation for penetration testing engagements
- ❖ Offering remediation advice to clients
- ❖ Presenting and communicating findings to clients in technical and high-level language (when needed)
- ❖ Delivering technical presentations for team members

APRIL 2021– JUN 2022

Security Consultant, Security Meter

- ❖ Conducting penetration testing engagements
- ❖ Conducting Active Directory assessments to identify security issues
- ❖ Performing Source Code Reviews to identify security issues ,and missing industry best practices
- ❖ Technical report writing and documentation for penetration testing engagements
- ❖ Offering remediation advice to clients
- ❖ Presenting and communicating findings to clients in technical and high-level language (when needed)
- ❖ Creating scalable training environments for students to practice penetration testing
- ❖ Designing training material and outlines for security and penetration testing topics

EDUCATION

Bachelor of Science, Software Engineering
London South Bank University - UK & The British University in Egypt
[CGPA: 4.0 - Distinction with First Class Honors](#)
09/2018 – 07/2022

CERTIFICATIONS

JAN 2023 - PRESENT

[Offensive Azure Security Professional \(OASP\)](#)

MAR 2022 - PRESENT

[Offensive Security Web Expert \(OSWE\)](#)

OCT 2020 - PRESENT

[eLearnSecurity Certified Penetration Tester eXtreme \(eCPTXv2\)](#)

SEP 2019 - PRESENT

[Offensive Security Certified Professional \(OSCP\)](#)

COMMUNITY CONTRIBUTIONS

Content Creation

❖ [HackAllTheThings](#)

My personal repertoire of technology and security-related notes since day one in the field. It is also my attempt to give back to the infosec community. It has all the references, checklists, cheat sheets, and notes I use daily.

❖ [Akenofu's Blog](#)

My personal blog where I share Thoughts, ideas and write-ups on security.

❖ [Akenofu - YouTube](#)

Video tutorials on technology and security related topics.

Common Vulnerabilities and Exposures (CVEs)

❖ [CVE-2021-38966](#)

❖ [CVE-2021-38893](#)

❖ [CVE-2021-38900](#)

❖ [Chromium Security Bug \(Pending Submission\)](#)

Contribution to Open Source Tooling

❖ [\[winPEASexe\] added Dump saved Wifi Passwords using the Win32 API library](#)

Developed Open Source Tooling

❖ [GitHub - akenofu/Windows-Wifi-Password-Dump: Dump Windows saved Wifi Passwords. Built using the Win32 API Library in C++](#)

❖ [GitHub - akenofu/Sharp-Wifi-Password-Dump: .Net port of Windows-Wifi-Password-Dump](#)

Developed Hack The Box challenges

- ❖ [Professional Cracker Challenge \(Pending Submission\)](#)

ACHIEVEMENTS

- ❖ [Pro Hacker Rank, Hack the Box](#)

OTHER PROJECTS

- ❖ [OSCP-Cheat-Sheet](#)